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(FILE 'HOME' ENTERED AT 13:57:02 ON 05 MAR 2010)

FILE 'CAPLUS' ENTERED AT 13:57:21 ON 05 MAR 2010

L1 1 S WO 9853814/PN
L2 1 S 125:317330/DN
SELECT RN L1 1-
SELECT RN L2 1-

FILE 'REGISTRY' ENTERED AT 13:57:54 ON 05 MAR 2010

L3 200 S E1-200
L4 200 S E201-400
L5 163 S E401-569
L6 215286 S 16.145/RID AND 46.156/RID
L7 557 S L3 OR L4 OR L5
L8 16 S L6 AND L7
L9 1309779 S FURANYL
L10 189466 S 16.138/RID AND 46.156/RID
L11 273915 S 46.156.30/RID AND 46.156.1/RID
L12 664003 S L6 OR L10 OR L11
L13 STRUCTURE UPLOADED
L14 1 S L13
L15 687 S L13 SSS FUL
L16 683 S L12 AND L15

FILE 'CAPLUS' ENTERED AT 14:19:25 ON 05 MAR 2010

L17 15 S L16
L18 12 S L17 NOT (2010/SO OR 2009/SO OR 2008/SO OR 2007/SO OR 2006/SO

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L18 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:1106018 CAPLUS

DOCUMENT NUMBER: 149:355696

TITLE: Pyrrole compounds as acid secretion inhibitors and antiulcer agents and their preparation, pharmaceutical compositions and use in the treatment of diseases
 INVENTOR(S): Kajino, Masahiro; Nishida, Haruyuki; Arikawa, Yasuyoshi; Hirase, Keizo; Ono, Koji
 PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan
 SOURCE: PCT Int. Appl., 266pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

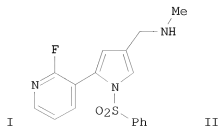
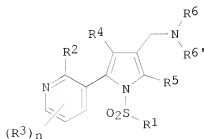
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008108380	A2	20080912	WO 2008-JP53890	20080227
WO 2008108380	A3	20090416		
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
US 20080262042	A1	20081023	US 2008-72421	20080226
CA 2679305	A1	20080912	CA 2008-2679305	20080227
EP 2114917	A2	20091111	EP 2008-721310	20080227
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR			
PRIORITY APPLN. INFO.:			JP 2007-50326	A 20070228
			JP 2007-256273	A 20070928
			WO 2008-JP53890	W 20080227

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 149:355696

GI



AB The present invention provides a compound having a superior acid secretion inhibitory effect and showing an antiulcer activity, which is represented by the formula I or a salt thereof. Compds. of formula I wherein R1 is (un)substituted cyclic group; R2 is a substituent; R3 is (un)substituted alkyl, acyl, (un)substituted hydroxy, (un)substituted amino, halo, CN or NO2; R4 and R5 are independently H, (un)substituted alkyl, acyl, (un)substituted hydroxy, (un)substituted amino, halogen, CN or NO2; R6 and R6' are independently H or alkyl; n is an integer of 0 - 3; and their salts thereof are claimed. Example compound II•fumarate was prepared by reductive amination of 5-(2-fluoropyridin-3-yl)-1-(phenylsulfonyl)-1H-pyrrole-3-carboxaldehyde with methylamine to give compound II which was added fumaric acid to give the corresponding fumarate salt. All the invention compds. were evaluated for their proton-potassium ATPase inhibitory activity. From the assay, it was determined that compound II exhibited IC50 value of 26 nM.

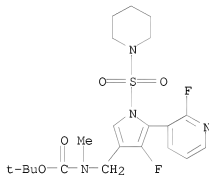
IT 1055307-13-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of pyrrole compds. as acid secretion inhibitors and antiulcer agents useful in the treatment of diseases)

RN 1055307-13-5 CAPLUS

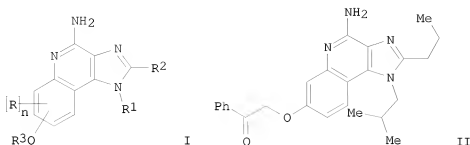
CN Carbamic acid, N-[[4-fluoro-5-(2-fluoro-3-pyridinyl)-1-(1-piperidinylsulfonyl)-1H-pyrrol-3-yl]methyl]-N-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



L18 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2005:316318 CAPLUS
 DOCUMENT NUMBER: 142:392406
 TITLE: Preparation of alkoxy substituted imidazoquinolines as immunomodulators
 INVENTOR(S): Lindstrom, Kyle J.; Merrill, Bryon A.; Haraldson, Chad A.; Rice, Michael J.; Kshirsagar, Tushar A.; Heppner, Philip D.; Wurst, Joshua R.; Niwas, Shri; Johannessen, Sarah C.
 PATENT ASSIGNEE(S): 3M Innovative Properties Co., USA
 SOURCE: PCT Int. Appl., 386 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005032484	A2	20050414	WO 2004-US32616	20041001
WO 2005032484	A3	20050630		
WO 2005032484	A9	20060518		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004278014	A1	20050414	AU 2004-278014	20041001
CA 2540541	A1	20050414	CA 2004-2540541	20041001
EP 1673087	A2	20060628	EP 2004-794092	20041001
R: AT, BE, CH, LI, CY, BG, CZ				
BR 2004014856	A	20061121	BR 2004-14856	20041001
CN 1897948	A	20070117	CN 2004-80036217	20041001
JP 2007507542	T	20070329	JP 2006-534221	20041001
SG 149828	A1	20090227	SG 2009-236	20041001
NZ 546273	A	20090531	NZ 2004-546273	20041001
US 20070060754	A1	20070315	US 2006-595230	20060328
MX 2006003705	A	20060620	MX 2006-3705	20060331
IN 2006CN011139	A	20070831	IN 2006-CN1139	20060403
KR 2006118453	A	20061123	KR 2006-708497	20060502
ZA 2006003474	A	20080528	ZA 2006-3474	20060502
PRIORITY APPLN. INFO.:			US 2003-508634P	P 20031003
			WO 2004-US32616	W 20041001

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OTHER SOURCE(S): CASREACT 142:392406; MARPAT 142:392406
 GI



AB The title imidazoquinolines with an alkoxy substituent at the 6-, 7-, 8- or 9-position [I; R = alkyl, alkoxy, OH, etc.; n = 0-1; R₁, R₂ = H, non-interfering substituents; R₃ = ZYR₄, ZHet, etc. (Z = alkylene, alkenylene, and alkynylene optionally interrupted with one or more O groups; Y = S, SO, SO₂, (un)substituted SO₂NH, etc.; R₄ = H, alkyl, aryl, etc.; Het = (un)substituted heterocyclyl)], useful as immunomodulators, for inducing or inhibiting cytokine biosynthesis in animals and in the treatment of diseases including viral, and neoplastic (no specific biol. data given), were prepared E.g., a multi-step synthesis of II, was given. Pharmaceutical compns. containing the compds. I are disclosed.

IT 850060-72-9P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of alkoxy substituted imidazoquinolines as immunomodulators)

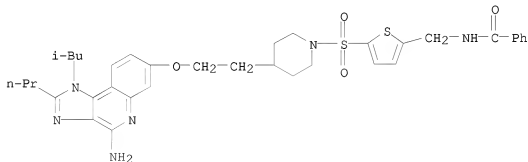
RN 850060-72-9 CAPLUS

CN Benzamide, N-[[5-[[4-[2-[[4-amino-1-(2-methylpropyl)-2-propyl-1H-imidazo[4,5-c]quinolin-7-yl]oxy]ethyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 850060-71-8

CMF C36 H44 N6 O4 S2



CM 2

CRN 76-05-1

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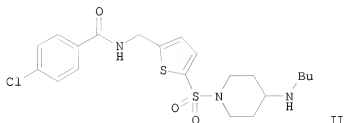
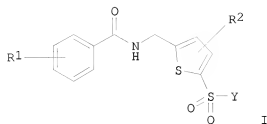
CMF C2 H F3 O2



OS.CITING REF COUNT:	2	THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2005:259868 CAPLUS
 DOCUMENT NUMBER: 142:341890
 TITLE: Sulfonamide derivatives for the treatment of diabetes
 INVENTOR(S): Rueckle, Thomas; Vitte, Pierre-Alain; Gotteland, Jean-Pierre
 PATENT ASSIGNEE(S): Applied Research Systems ARS Holding N.V., Neth. Antilles
 SOURCE: PCT Int. Appl., 116 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005025558	A1	20050324	WO 2004-EP52143	20040913
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, ML, MR, NE, SN, TD, TG			
AU 2004271741	A1	20050324	AU 2004-271741	20040913
CA 2534312	A1	20050324	CA 2004-2534312	20040913
EP 1663193	A1	20060607	EP 2004-787131	20040913
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR			
JP 2007505088	T	20070308	JP 2006-525836	20040913
NO 2006001598	A	20060609	NO 2006-1598	20060407
US 20070043027	A1	20070222	US 2006-571466	20060825
PRIORITY APPLN. INFO.:			EP 2003-102742	A 20030912
			WO 2004-EP52143	W 20040913
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT				
OTHER SOURCE(S): MARPAT 142:341890				
GI				



- AB The present invention is related to the use of sulfonamides I and their geometrical isomers, its enantiomers, diastereomers, racemates, and their pharmaceutically acceptable salts for the manufacture of a medicament for the treatment of metabolic disorders mediated by insulin resistance or hyperglycemia, comprising diabetes type II, inadequate glucose tolerance, insulin resistance, obesity, polycystic ovary syndrome (PCOS) [Y = 4-12 membered saturated cyclic or bicyclic alkyl containing at least one N; R1 = H, alkoxy, alk(en/yn)yl, NH2, S, SO, SO2, halo, etc.; R2 = H, CO2H and derivs., OH, CONH2 and derivs., etc.]. Efficacy of sulfonamide derivs. I in exptl. model of type II diabetes was studied. For instance, using II (50 mg/kg, p.o.), a decrease of 42% in blood glucose level as well as a decrease of 61% in the insulin level was determined in vivo assay in db/db mice compared to the animals treated by the vehicle (10 mg/kg). Oral formulations of sulfonamides I is described.
- IT 332415-52-8, 4-Chloro-N-[[5-[(4-hydroxy-4-phenylpiperidin-1-yl)sulfonyl]thien-2-yl]methyl]benzamide 332415-54-0, N-[[5-[(4-Benzoylpiperidin-1-yl)sulfonyl]thien-2-yl]methyl]-4-chlorobenzamide 332415-57-3, 4-Chloro-N-[[5-[[4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 332415-59-5, N-[[5-[(4-Benzylpiperidin-1-yl)sulfonyl]thien-2-yl]methyl]-4-chlorobenzamide 332415-65-3, 4-Chloro-N-[[5-[[4-(hydroxydiphenylmethyl)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 332415-75-5, N-[[5-[[4-(1H-1,2,3-Benzotriazol-1-yl)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-chlorobenzamide 332415-79-9, 4-Chloro-N-[[5-[[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 332416-11-2, tert-Butyl [1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]thien-2-yl]sulfonyl]piperidin-4-yl]carbamate 332416-15-6, 4-Chloro-N-[[5-(piperidin-1-ylsulfonyl)thien-2-yl]methyl]benzamide 332416-22-5, 4-Chloro-N-[[5-[[3-hydroxy-4-[3-

(trifluoromethyl)phenyl]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 332416-25-8,
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 N-[[5-[[4-(4-Benzyl-4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 332416-33-8,
 4-Chloro-N-[[5-[[4-[(3-trifluoromethylsulfonyl)phenyl]amino]piperidin-1-yl)sulfonyl]thiophen-2-yl)methyl]benzamide 332416-34-9,
 N-[[5-[[4-[(2-tert-Butyl-1H-indol-5-yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 332416-35-0,
 4-Chloro-N-[[5-[[4-[(phenylacetyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 332416-40-7,
 N-[[5-[[4-(2H-1,2,3-Benzotriazol-2-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 332421-97-3,
 4-Chloro-N-[[5-[[4-(4-chlorobenzoyl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406486-95-1,
 5-[[[(3-Methoxybenzoyl)amino]methyl]-2-[[4-[(3-(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]thiophene-3-carboxylic acid 406487-01-2,
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 5-[[[(3-Methoxybenzoyl)amino]methyl]-2-[[4-(octylamino)piperidin-1-yl)sulfonyl]thiophene-3-carboxylic acid 406487-04-5,
 N-[[4-(Hydrazinocarbonyl)-5-[[4-[(3-(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide 406487-05-6,
 5-[[[(3-Methoxybenzoyl)amino]methyl]-2-[[4-[(3-(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]thiophene-3-carboxamide 406487-06-7,
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 3-Methoxy-N-[[5-[[4-[(4-methoxybenzyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-10-2,
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 3-Methoxy-N-[[5-[[4-[(pyridin-3-ylmethyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-13-5,
 3-Methoxy-N-[[5-[[4-[(quinolin-4-ylmethyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-14-6,
 N-[[5-[[4-[(4-tert-Butylbenzyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide 406678-15-7,
 N-[[5-[[4-[(3-Ethoxybenzyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide 406678-16-8,
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 4-Chloro-N-[[5-[[4-(butylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-20-4,
 4-Chloro-N-[[5-[[4-(dodecylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-22-6,
 4-Chloro-N-[[5-[[4-[(2-cyclohexylethyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-23-7,
 4-Chloro-N-[[5-[[4-[(cyclohexylmethyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-24-8,
 4-Chloro-N-[[5-[[4-[(1R)-1-cyclohexylethyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-25-9,
 N-[[5-[[4-[(1R,2R,4S)-Bicyclo[2.2.1]hept-2-yl]amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 406678-26-0,
 4-Chloro-N-[[5-[[4-[(2-propoxyethyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-27-1,
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 4-Chloro-N-[[5-[[4-[[2-(piperidin-1-yl)ethyl]amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-30-6,
 4-Chloro-N-[[5-[[4-[(2-ethylhexyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-31-7,
 4-Chloro-N-[[5-[[4-(octylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-32-8,
 N-[[5-[[4-(Heptylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide 406678-33-9,
 3-Methoxy-N-[[5-[[4-(octylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-34-0,
 3-Methoxy-N-[[5-[[4-(pentylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-35-1,
 N-[[5-[[4-(Butylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide 406678-36-2,

N-[[5-[[4-(Dodecylamino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-37-3,
 3-Methoxy-N-[[5-[[4-(nonylamino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-38-4,
 3-Methoxy-N-[[5-[[4-(decylamino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-39-5,
 3-Methoxy-N-[[5-[[4-(ethylamino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-40-8,
 N-[[5-[[4-[(2-Cyclohexylethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-41-9,
 N-[[5-[[4-[(1R)-1-Cyclohexylethyl]amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-42-0,
 N-[[5-[[4-[(1R,2R,4S)-Bicyclo[2.2.1]hept-2-yl]amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-43-1,
 3-Methoxy-N-[[5-[[4-[(2-propoxyethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-44-2,
 N-[[5-[[4-[(1-Adamantylmethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-45-3,
 N-[[5-[[4-[(3,3-Diethoxypropyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-46-4,
 3-Methoxy-N-[[5-[[4-[(3-(morpholin-4-yl)propyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-47-5,
 3-Methoxy-N-[[5-[[4-[(2-(pyridin-2-yl)ethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-48-6,
 3-Methoxy-N-[[5-[[4-[(2-(piperidin-1-yl)ethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-49-7,
 N-[[5-[[4-[(2-Ethylhexyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-50-0,
 N-[[5-[[4-(Hexylamino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-51-1,
 3-Methoxy-N-[[5-[[4-[(2-[3-(trifluoromethyl)phenyl]ethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-52-2,
 3-Methoxy-N-[[5-[[4-[(2-(4-methylphenyl)ethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-53-3,
 3-Methoxy-N-[[5-[[4-[(1S,2R)-2-phenylcyclopropyl]amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-55-5,
 3-Methoxy-N-[[5-[[4-[(1-naphthylmethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-57-7,
 3-Methoxy-N-[[5-[[4-[(2-phenylpropyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-58-8,
 N-[[5-[[4-[(2-(4-Hydroxyphenyl)ethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-59-9,
 3-Methoxy-N-[[5-[[4-[(3-phenylpropyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-60-2,
 N-[[5-[[4-[(2,3-Dihydroxypropyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-61-3,
 N-[[5-[[4-[(2-Hydroxyethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-62-4,
 N-[[5-[[4-[(2-[(1,1'-Biphenyl)-4-yl]ethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-63-5,
 N-[[5-[[4-[(1,1'-Biphenyl)-3-yl]methyl]amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 406678-64-6,
 3-Methoxy-N-[[5-[[4-[(2-(thien-2-yl)ethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-92-0,
 4-Chloro-N-[[5-[[4-(hexyl)(pyridin-2-ylmethyl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 406678-93-1,
 4-Chloro-N-[[5-[[4-[(cyclohexylmethyl)(hexyl)amino]piperidin-1-

yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-94-2,
 N-[[5-[[4-[(Benzyl)(hexyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-
 4-chlorobenzamide 406678-95-3,
 4-Chloro-N-[[5-[[4-[(hexyl)(pyridin-3-ylmethyl)amino]piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-96-4,
 4-Chloro-N-[[5-[[4-[(hexyl)(pyridin-4-ylmethyl)amino]piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 406678-97-5,
 N-[[5-[[4-[(5-Bromo-2-furyl)methyl](hexyl)amino]piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 406678-98-6,
 N-[[5-[[4-(Butyl)(hexyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-
 chlorobenzamide 406678-99-7,
 4-Chloro-N-[[5-[[4-[(hexyl)(3-phenylpropyl)amino]piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 406679-00-3,
 4-Chloro-N-[[5-[[4-[(hexyl)(2-phenylethyl)amino]piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 406679-01-4,
 4-Chloro-N-[[5-[[4-[(hexyl)(methyl)amino]piperidin-1-yl)sulfonyl]thien-2-
 yl)methyl]benzamide 406679-30-9,
 3-Methoxy-N-[[5-[[4-[(pentylamino)methyl]piperidin-1-yl)sulfonyl]thien-2-
 yl)methyl]benzamide 830331-16-3,
 4-Chloro-N-[[5-[[4-(phenoxypiperidin-1-yl)sulfonyl]thien-2-
 yl)methyl]benzamide 830331-19-6,
 4-Chloro-N-[[5-[[4-(pyrimidin-2-ylamino)piperidin-1-yl)sulfonyl]thien-2-
 yl)methyl]benzamide 830331-20-9,
 4-Chloro-N-[[5-[[4-(2-phenylethyl)piperidin-1-yl)sulfonyl]thien-2-
 yl)methyl]benzamide 830331-34-5,
 4-Chloro-N-[[5-[[4-(5-(trifluoromethyl)-1H-1,2,3-benzotriazol-1-
 yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide
 830331-35-6 830331-36-7
 4-Chloro-N-[[5-[[4-(5-chloro-1H-1,2,3-benzotriazol-1-yl)piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 830331-38-9,
 4-Chloro-N-[[5-[[4-(6-chloro-1H-1,2,3-benzotriazol-1-yl)piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 830331-39-0
 830331-40-3 830331-41-4,
 N-[[5-[[4-(1H-Benzimidazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-
 4-chlorobenzamide 830331-42-5,
 4-Chloro-N-[[5-[[4-(5-nitro-1H-benzimidazol-1-yl)piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 830331-43-6,
 4-Chloro-N-[[5-[[4-(6-nitro-1H-benzimidazol-1-yl)piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 830331-45-8
 830331-46-9, 4-Chloro-N-[[5-[[4-(2H-1,2,3-triazol-2-yl)piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 830331-47-0
 830331-48-1, 4-Chloro-N-[[5-[[4-(9H-purin-9-yl)piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 830331-49-2,
 N-[[5-[[4-(6-Amino-9H-purin-9-yl)piperidin-1-yl)sulfonyl]thien-2-
 yl)methyl]-4-chlorobenzamide 830331-50-5,
 N-[[5-[[4-(2-Amino-9H-purin-9-yl)piperidin-1-yl)sulfonyl]thien-2-
 yl)methyl]-4-chlorobenzamide 848557-18-6,
 4-Chloro-N-[[5-[[4-(4-fluorobenzoyl)piperidin-1-yl)sulfonyl]thien-2-
 yl)methyl]benzamide 848557-26-6,
 N-[[5-[[4-(Benzyl(methyl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-
 4-chlorobenzamide 848557-27-7,
 4-Chloro-N-[[5-[[4-(3-(2,4-dichlorophenyl)-1H-pyrazol-5-yl)piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-28-8,
 4-Chloro-N-[[5-[[4-(5-(thien-2-yl)-1H-pyrazol-3-yl)piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-29-9,
 4-Chloro-N-[[5-[[4-(2,3,4,5,6-pentamethylbenzoyl)piperidin-1-
 yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-31-3,

4-Chloro-N-[[5-[[4-[5-(4-methoxyphenyl)-1H-pyrazol-3-yl]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-32-4,
 N-[[5-[[4-(Anilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-chlorobenzamide 848557-36-8 848557-37-9,
 4-Chloro-N-[[5-[[4-(3-propylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-38-0,
 4-Chloro-N-[[5-[[4-[3-(trifluoromethyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-39-1,
 4-Chloro-N-[[5-[[4-[3-(dimethylamino)anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-40-4, Methyl
 3-[[1-[5-[[4-(4-chlorobenzoyl)amino]methyl]thien-2-yl]sulfonyl]piperidin-4-yl]amino]benzoate 848557-41-5,
 4-Chloro-N-[[5-[[4-[3-(methylsulfonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-42-6,
 4-Chloro-N-[[5-[[4-(3-nitroanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-43-7,
 4-Chloro-N-[[5-[[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-44-8,
 3-[[1-[5-[[4-(4-chlorobenzoyl)amino]methyl]thien-2-yl]sulfonyl]piperidin-4-yl]amino]benzamide 848557-45-9,
 4-Chloro-N-[[5-[[4-[2-(trifluoromethyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-46-0,
 4-Chloro-N-[[5-[[4-[2-nitro-4-(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-47-1,
 4-Chloro-N-[[5-[[4-(4-chloroanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-48-2,
 4-Chloro-N-[[5-[[4-[4-(trifluoromethyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-49-3,
 4-Chloro-N-[[5-[[4-[4-(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-50-6,
 4-Chloro-N-[[5-[[4-(2-nitroanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-51-7,
 N-[[5-[[4-[4-(Aminocarbonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-chlorobenzamide 848557-52-8,
 4-Chloro-N-[[5-[[4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-53-9,
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 4-Chloro-N-[[5-[[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-56-2,
 4-Chloro-N-[[5-[[4-[3-(methylsulfonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-57-3,
 N-[[5-[[4-[3-[Amino(imino)methyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-chlorobenzamide 848557-58-4,
 4-Chloro-N-[[5-[[4-[3-(2-hydroxyethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-59-5,
 N-[[5-[[4-(2-Aminoanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-chlorobenzamide 848557-60-8,
 4-Chloro-N-[[5-[[4-(2-hydroxyanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-61-9,
 4-Chloro-N-[[5-[[4-(4-hydroxyanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-62-0,
 4-Chloro-N-[[5-[[4-[3-(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848557-63-1
 848557-64-2, 4-Chloro-N-[[5-[[4-[3-chloro-5-

(trifluoromethyl)pyridin-2-yl]amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-65-3,
 4-Chloro-N-[[5-[[4-[[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-66-4,
 N-[[5-[[4-(3-tert-Butylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 848557-67-5,
 4-Chloro-N-[[5-[[4-(2-propylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-68-6,
 4-Chloro-N-[[5-[[4-((2,2-dioxido-1,3-dihydrobenzo[c]thien-5-yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-69-7,
 4-Chloro-N-[[5-[[4-((2,3-dihydro-1H-inden-5-yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-70-0,
 4-Chloro-N-[[5-[[4-(4-propylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-71-1,
 4-Chloro-N-[[5-[[4-((3-nitropyridin-2-yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-72-2,
 N-[[5-[[4-((3-Aminopyridin-2-yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 848557-73-3,
 N-[[5-[[4-[[1,1'-Biphenyl]-3-yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 848557-74-4,
 N-[[5-[[4-(3-Benzylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 848557-75-5,
 4-Chloro-N-[[5-[[4-(4-(morpholin-4-yl)sulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-76-6,
 4-Chloro-N-[[5-[[4-[[4-(trifluoromethyl)pyrimidin-2-yl]amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-77-7,
 4-Chloro-N-[[5-[[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-78-8,
 N-[[5-[[4-[[3-((Butylamino)sulfonyl]anilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 848557-79-9,
 4-Chloro-N-[[5-[[4-(3-ethylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-80-2,
 4-Chloro-N-[[5-[[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-81-3,
 N-[[5-[[4-[[3-(Aminosulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide 848557-82-4,
 4-Chloro-N-[[5-[[4-(quinolin-5-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-83-5,
 4-Chloro-N-[[5-[[4-(quinolin-8-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-84-6,
 4-Chloro-N-[[5-[[4-((3-propylphenyl)oxy)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-87-9,
 4-Nitro-N-[[5-[[4-[[3-((trifluoromethyl)sulfonyl]anilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-88-0,
 N-[[5-[[4-((1H-1,2,3-Benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide 848557-89-1,
 N-[[5-[[4-(2,4-Difluorobenzoyl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide 848557-90-4,
 N-[[5-[[4-((1H-1,2,3-Benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide 848557-91-5,
 3-Nitro-N-[[5-[[4-(3-methoxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-92-6,
 3-Nitro-N-[[5-[[4-[[3-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide 848557-93-7,
 N-[[5-[[4-[[3-(Dimethylamino)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide 848557-94-8,
 3-Nitro-N-[[5-[[4-[[3-(methylsulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-

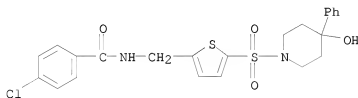
2-yl)methyl]benzamide 848557-95-9,
 3-Nitro-N-[[5-[[4-[3-(methylsulfonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848557-96-0,
 N-[[5-[[4-[3-(Aminosulfonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide 848557-97-1, Methyl
 3-[[1-[[5-[[3-nitrobenzoyl]amino]methyl]thien-2-yl]sulfonyl]piperidin-4-yl]amino]benzoate 848557-98-2,
 N-[[5-[[4-[3-(Aminocarbonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide 848557-99-3,
 3-Nitro-N-[[5-[[4-(3-nitroanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-00-9,
 3-Nitro-N-[[5-[[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-01-0,
 3-Nitro-N-[[5-[[4-(2-(trifluoromethyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-02-1,
 3-Nitro-N-[[5-[[4-(2-nitroanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-03-2,
 N-[[5-[[4-(4-Chloroanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide 848558-04-3,
 3-Nitro-N-[[5-[[4-(4-(trifluoromethyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-05-4,
 3-Nitro-N-[[5-[[4-(4-(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-06-5,
 N-[[5-[[4-(4-(Aminocarbonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide 848558-07-6,
 N-[[5-[[4-(3-Propylanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide 848558-08-7,
 N-[[5-[[4-(3-Chloroanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide 848558-09-8,
 4-Nitro-N-[[5-[[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-10-1,
 4-Nitro-N-[[5-[[4-[3-(trifluoromethyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-11-2,
 N-[[5-[[4-[3-(Dimethylamino)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide 848558-12-3,
 4-Nitro-N-[[5-[[4-(3-propylanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-13-4,
 4-Nitro-N-[[5-[[4-[3-(methylsulfonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-14-5,
 4-Nitro-N-[[5-[[4-[3-(methylsulfonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-15-6,
 N-[[5-[[4-[3-(Aminosulfonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide 848558-16-7,
 3-[[1-[[5-[[4-Nitrobenzoyl]amino]methyl]thien-2-yl]sulfonyl]piperidin-4-yl]amino]benzamide 848558-17-8,
 4-Nitro-N-[[5-[[4-(3-nitroanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-18-9,
 4-Nitro-N-[[5-[[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-19-0,
 4-Nitro-N-[[5-[[4-[2-(trifluoromethyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-20-3,
 4-Nitro-N-[[5-[[4-(2-nitroanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-21-4,
 N-[[5-[[4-(4-Chloroanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide 848558-22-5,
 4-Nitro-N-[[5-[[4-[4-(trifluoromethyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848558-23-6,

4-Nitro-N-[[5-[[4-[[4-[(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-24-7,
 N-[[5-[[4-[[4-(Aminocarbonyl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-25-8,
 N-[[5-[[4-[[4-(1,3-Dithiolan-2-yl)anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-26-9,
 N-[[5-[[4-[[3-[Amino(imino)methyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-27-0,
 N-[[5-[[4-[[3-[(2-Hydroxyethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-28-1,
 N-[[5-[[4-[[4-(4-Anilinopiperidin-1-yl)sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-29-2,
 N-[[5-[[4-[[3-[(2-Hydroxyethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-30-5,
 N-[[5-[[4-[[4-(4-Anilinopiperidin-1-yl)sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-31-6,
 N-[[5-[[4-[[3-[Amino(imino)methyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-32-7,
 3-Nitro-N-[[5-[[4-[[3-[(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-33-8,
 4-Nitro-N-[[5-[[4-[[3-[(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-34-9,
 3-Nitro-N-[[5-[[4-[[3-(3-nitropyridin-2-yl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-35-0,
 N-[[5-[[4-[[2,2-Dioxido-1,3-dihydrobenzo[c]thien-5-yl]amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-36-1,
 N-[[5-[[4-[[2,3-Dihydro-1H-inden-5-yl]amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (antidiabetic agent; thiophenesulfonamide derivs. for treatment of diabetes)

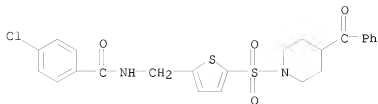
RN 332415-52-8 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[(4-hydroxy-4-phenyl-1-piperidinyl)sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



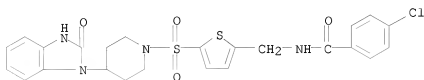
RN 332415-54-0 CAPLUS

CN Benzamide, N-[[5-[(4-benzoyl-1-piperidinyl)sulfonyl]-2-thienyl]methyl]-4-chloro- (CA INDEX NAME)



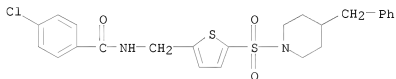
RN 332415-57-3 CAPLUS

CN Benamide, 4-chloro-N-([5-([4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]sulfonyl]-2-thienyl)methyl)- (CA INDEX NAME)



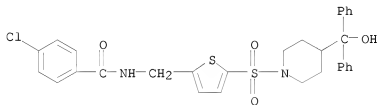
RN 332415-59-5 CAPLUS

CN Benamide, 4-chloro-N-([5-([4-(phenylmethyl)-1-piperidinyl]sulfonyl]-2-thienyl)methyl)- (CA INDEX NAME)



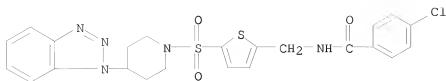
RN 332415-65-3 CAPLUS

CN Benamide, 4-chloro-N-([5-([4-(hydroxydiphenylmethyl)-1-piperidinyl]sulfonyl]-2-thienyl)methyl)- (CA INDEX NAME)



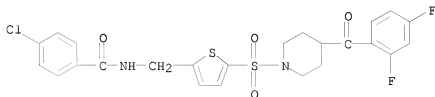
RN 332415-75-5 CAPLUS

CN Benamide, N-([5-([4-(1H-benzotriazol-1-yl)-1-piperidinyl]sulfonyl]-2-thienyl)methyl)-4-chloro- (CA INDEX NAME)



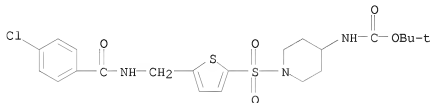
RN 332415-79-9 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-(2,4-difluorobenzoyl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



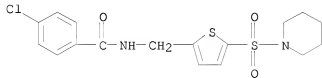
RN 332416-11-2 CAPLUS

CN Carbamic acid, [1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-thienyl]sulfonyl]-4-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



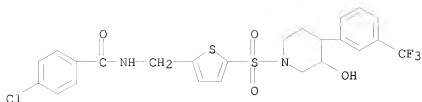
RN 332416-15-6 CAPLUS

CN Benzamide, 4-chloro-N-[[5-(1-piperidinylsulfonyl)-2-thienyl]methyl]- (CA INDEX NAME)



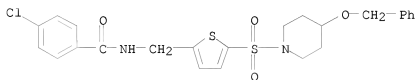
RN 332416-22-5 CAPLUS

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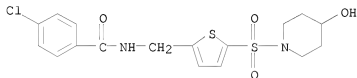
RN 332416-25-8 CAPLUS

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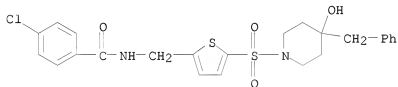
RN 332416-27-0 CAPLUS

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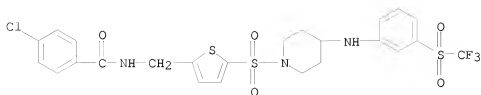
RN 332416-32-7 CAPLUS

CN Benamide, 4-chloro-N-[(5-[[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



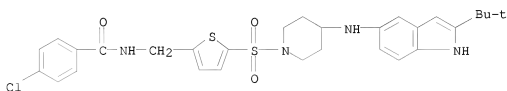
RN 332416-33-8 CAPLUS

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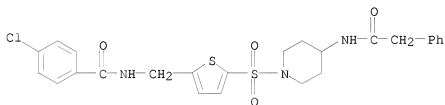
RN 332416-34-9 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-([2-(1,1-dimethylethyl)-1H-indol-5-yl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



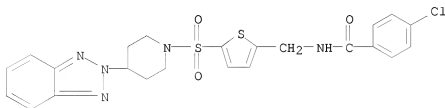
RN 332416-35-0 CAPLUS

CN Benzamide, N-[1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-thienyl)sulfonyl]-4-piperidinyl]- (CA INDEX NAME)



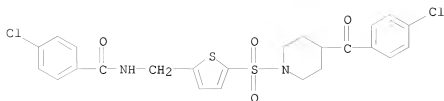
RN 332416-40-7 CAPLUS

CN Benzamide, N-[[5-[[4-(2H-benzotriazol-2-yl)-1-piperidinyl)sulfonyl]-2-thienyl)methyl]-4-chloro- (CA INDEX NAME)



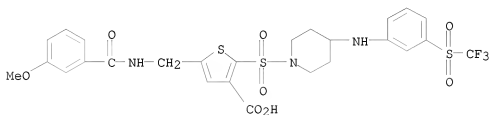
RN 332421-97-3 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-(4-chlorobenzoyl)-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



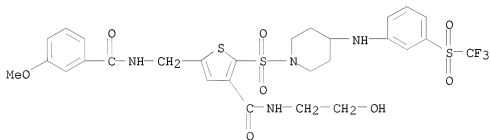
RN 406486-95-1 CAPLUS

CN 3-Thiophenecarboxylic acid, 5-[[[(3-methoxybenzoyl)amino]methyl]-2-[[4-[[3-
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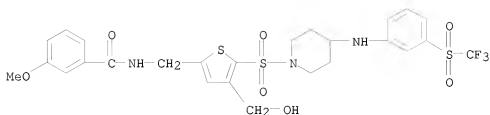
RN 406487-01-2 CAPLUS

CN 3-Thiophenecarboxamide, N-(2-hydroxyethyl)-5-[[[(3-
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[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]- (CA
INDEX NAME)



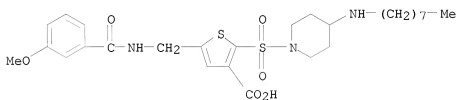
RN 406487-02-3 CAPLUS

CN Benzamide, N-[[4-[(hydroxymethyl)-5-[[4-[[3-
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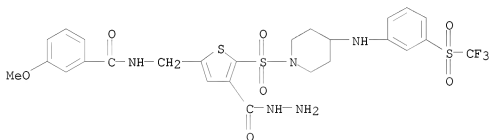
RN 406487-03-4 CAPLUS

CN 3-Thiophenecarboxylic acid, 5-[[3-methoxybenzoyl]amino]methyl]-2-[[4-(octylamino)-1-piperidinyl]sulfonyl]- (CA INDEX NAME)



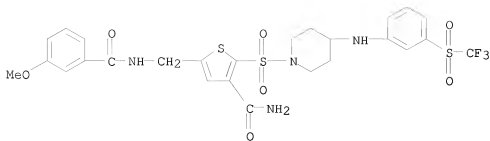
RN 406487-04-5 CAPLUS

CN 3-Thiophenecarboxylic acid, 5-[[3-methoxybenzoyl]amino]methyl]-2-[[4-[[3-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-, hydrazide (CA INDEX NAME)



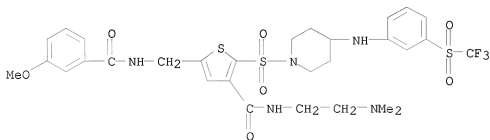
RN 406487-05-6 CAPLUS

CN 3-Thiophenecarboxamide, 5-[[3-methoxybenzoyl]amino]methyl]-2-[[4-[[3-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]- (CA INDEX NAME)



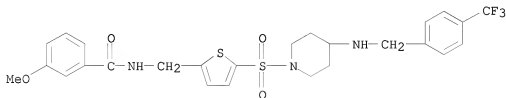
RN 406487-06-7 CAPLUS

CN 3-Thiophenecarboxamide, N-[2-(dimethylamino)ethyl]-5-[[{(3-methoxybenzoyl)amino}methyl]-2-[[4-[[3-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]- (CA INDEX NAME)



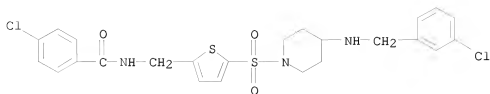
RN 406677-95-0 CAPLUS

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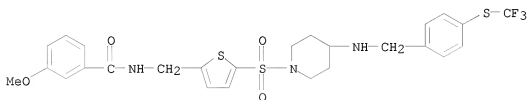
RN 406677-96-1 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[[(3-chlorophenyl)methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



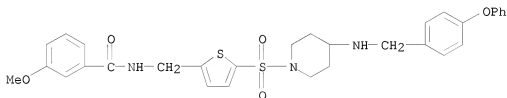
RN 406677-98-3 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[4-
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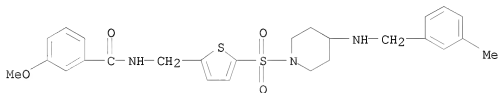
RN 406677-99-4 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[4-(phenoxyphenyl)methyl]amino]-1-
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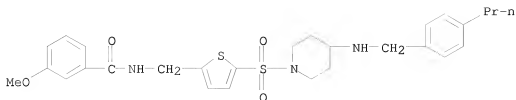
RN 406678-01-1 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[3-methylphenyl)methyl]amino]-1-
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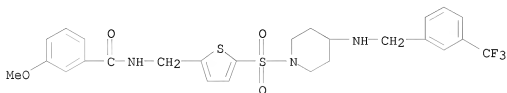
RN 406678-02-2 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[4-propylphenyl)methyl]amino]-1-
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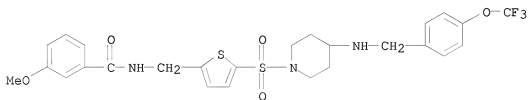
RN 406678-03-3 CAPLUS

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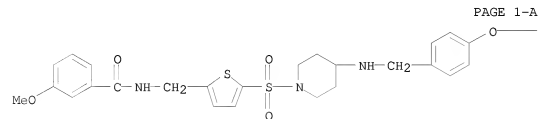
RN 406678-04-4 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[4-(trifluoromethoxy)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-05-5 CAPLUS

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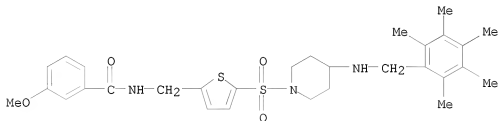


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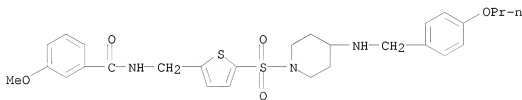
RN 406678-06-6 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[(2,3,4,5,6-pentamethylphenyl)methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-
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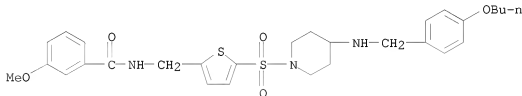
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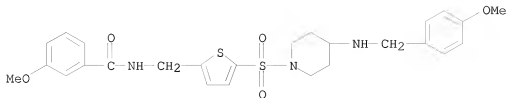
RN 406678-08-8 CAPLUS

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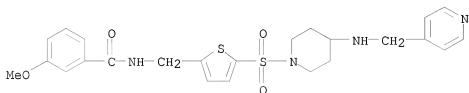
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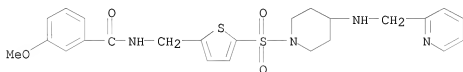
RN 406678-10-2 CAPLUS

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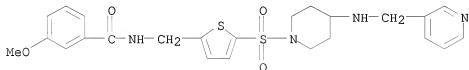
RN 406678-11-3 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(2-pyridinylmethyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



RN 406678-12-4 CAPLUS

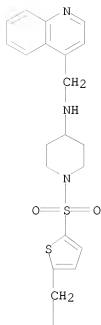
CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-pyridinylmethyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



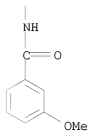
RN 406678-13-5 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(4-quinolinylmethyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)

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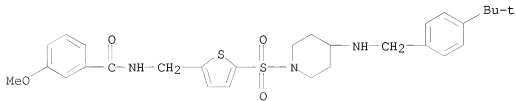


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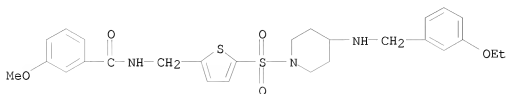
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CN Benzamide, N-[[5-[[4-[[4-(1,1-dimethylethyl)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



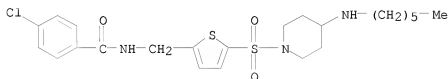
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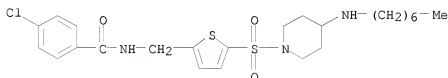
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CN Benzamide, 4-chloro-N-[[5-[[4-(hexylamino)-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



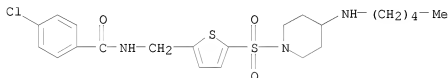
RN 406678-17-9 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-(heptylamino)-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



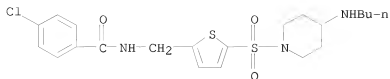
RN 406678-18-0 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-(pentylamino)-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



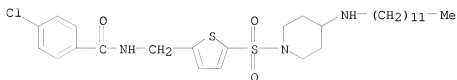
RN 406678-19-1 CAPLUS

CN Benzamide, N-[[5-[[4-(butylamino)-1-piperidinyl]sulfonyl]-2-thienyl)methyl]-4-chloro- (CA INDEX NAME)



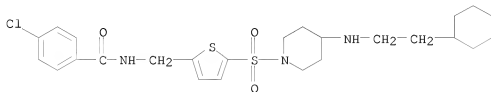
RN 406678-20-4 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-(dodecylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



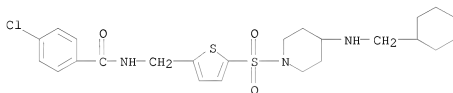
RN 406678-22-6 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(2-cyclohexylethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-23-7 CAPLUS

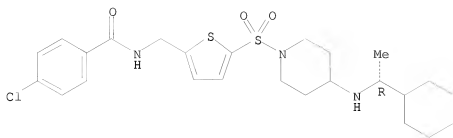
CN Benzamide, 4-chloro-N-[[5-[[4-[(cyclohexylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-24-8 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(1R)-1-cyclohexylethyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

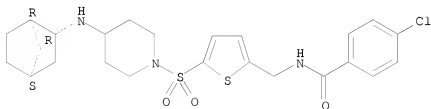
Absolute stereochemistry.



RN 406678-25-9 CAPLUS

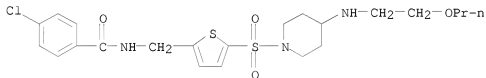
CN Benzamide, N-[[5-[[4-[(1R,2R,4S)-bicyclo[2.2.1]hept-2-ylamino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-chloro- (CA INDEX NAME)

Absolute stereochemistry.

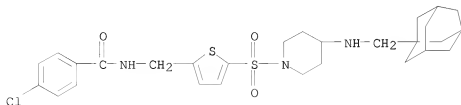


RN 406678-26-0 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(2-propoxyethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

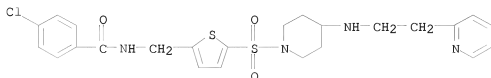


RN 406678-27-1 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(tricyclo[3.3.1.1^{3,7}]dec-1-ylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

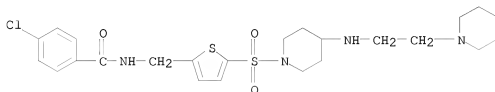
RN 406678-28-2 CAPLUS

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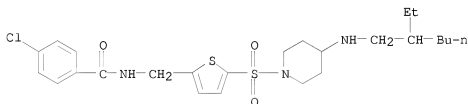
RN 406678-29-3 CAPLUS

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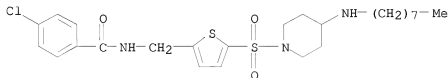
RN 406678-30-6 CAPLUS

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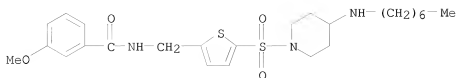
RN 406678-31-7 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-(octylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



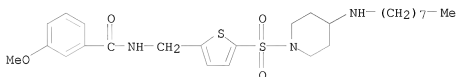
RN 406678-32-8 CAPLUS

CN Benzamide, N-[[5-[[4-(heptylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



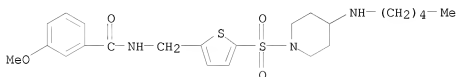
RN 406678-33-9 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[4-(octylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



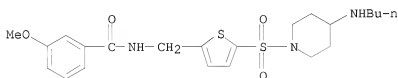
RN 406678-34-0 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[4-(pentylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



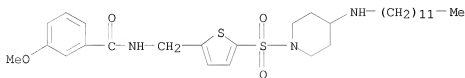
RN 406678-35-1 CAPLUS

CN Benamide, N-[[5-[[4-(butylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



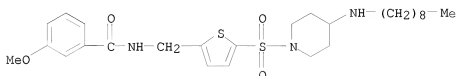
RN 406678-36-2 CAPLUS

CN Benamide, N-[[5-[[4-(dodecylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



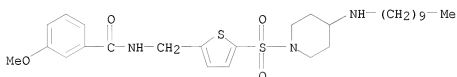
RN 406678-37-3 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-(nonylamino)-1-piperidiny]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



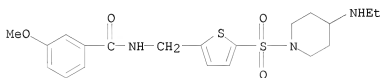
RN 406678-38-4 CAPLUS

CN Benzamide, N-[[5-[[4-(decylamino)-1-piperidiny]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



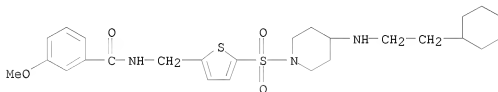
RN 406678-39-5 CAPLUS

CN Benzamide, N-[[5-[[4-(ethylamino)-1-piperidiny]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-40-8 CAPLUS

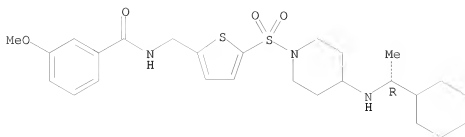
CN Benzamide, N-[[5-[[4-[(2-cyclohexylethyl)amino]-1-piperidiny]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-41-9 CAPLUS

CN Benzamide, N-[[5-[[4-[(1R)-1-cyclohexylethyl]amino]-1-piperidiny]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)

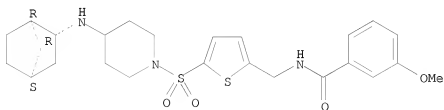
Absolute stereochemistry.



RN 406678-42-0 CAPLUS

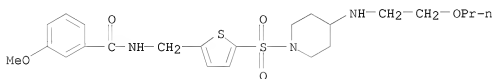
CN Benzamide, N-[[5-[[4-[(1R,2R,4S)-bicyclo[2.2.1]hept-2-ylamino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)

Absolute stereochemistry.



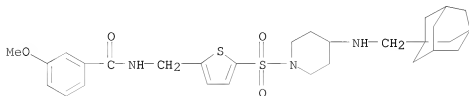
RN 406678-43-1 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(2-propoxyethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-44-2 CAPLUS

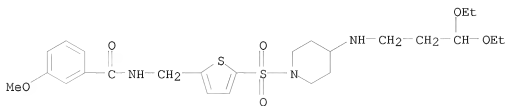
CN Benzamide, 3-methoxy-N-[[5-[[4-[(tricyclo[3.3.1.1.3,7]dec-1-ylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-45-3 CAPLUS

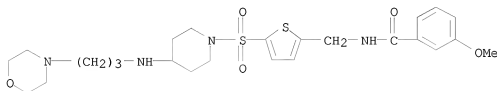
CN Benzamide, N-[[5-[[4-[(3,3-diethoxypropyl)amino]-1-piperidinyl]sulfonyl]-2-

thienyl)methyl]-3-methoxy- (CA INDEX NAME)



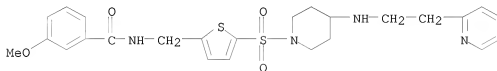
RN 406678-46-4 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[3-(4-morpholinyl)propyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



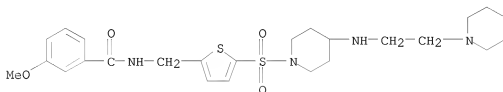
RN 406678-47-5 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[2-(2-pyridinyl)ethyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



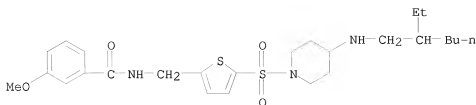
RN 406678-48-6 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[2-(1-piperidinyl)ethyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



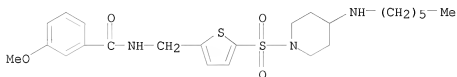
RN 406678-49-7 CAPLUS

CN Benzamide, N-[[5-[[4-[[2-(ethylhexyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-50-0 CAPLUS

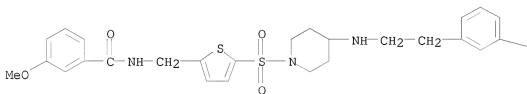
CN Benzamide, N-[[5-[[4-(hexylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-51-1 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[2-[3-(trifluoromethyl)phenyl]ethyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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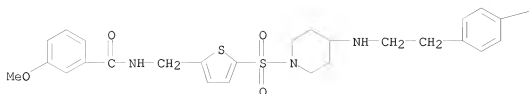
PAGE 1-B



RN 406678-52-2 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[2-(4-methylphenyl)ethyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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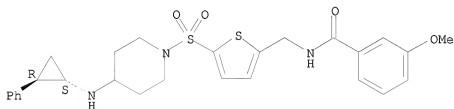
PAGE 1-B

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RN 406678-53-3 CAPLUS

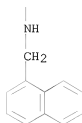
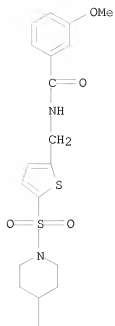
CN Benzamide, 3-methoxy-N-[[5-[[4-[(1S,2R)-2-phenylcyclopropyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.



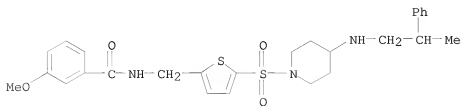
RN 406678-55-5 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(1-naphthalenylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-57-7 CAPLUS

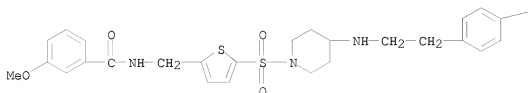
CN Benzamide, 3-methoxy-N-[[5-[[4-[(2-phenylpropyl)amino]-1-piperidiny]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-58-8 CAPLUS

CN Benzamide, N-[[5-[[4-[[2-(4-hydroxyphenyl)ethyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)

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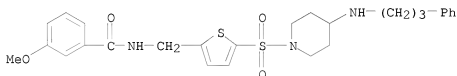


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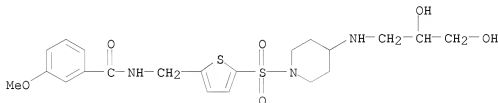
RN 406678-59-9 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-phenylpropyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



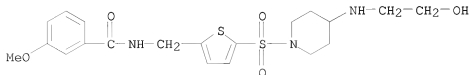
RN 406678-60-2 CAPLUS

CN Benzamide, N-[[5-[[4-[(2,3-dihydroxypropyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-61-3 CAPLUS

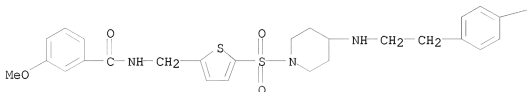
CN Benzamide, N-[[5-[[4-[(2-hydroxyethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-62-4 CAPLUS

CN Benzamide, N-[[5-[[4-[(2-[1,1'-biphenyl]-4-ylethyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)

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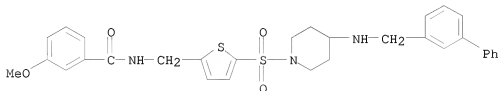


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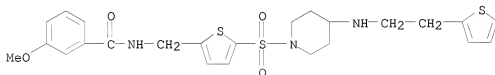
RN 406678-63-5 CAPLUS

CN Benzamide, N-[[5-[[4-[(1,1'-biphenyl)-3-ylmethyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)



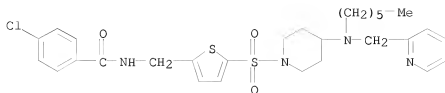
RN 406678-64-6 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(2-(2-thienyl)ethyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



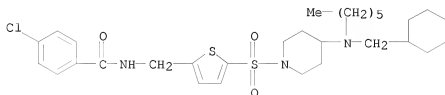
RN 406678-92-0 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[hexyl(2-pyridinylmethyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



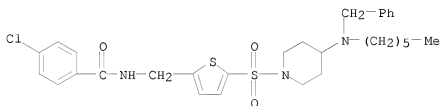
RN 406678-93-1 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[(cyclohexylmethyl)hexylamino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



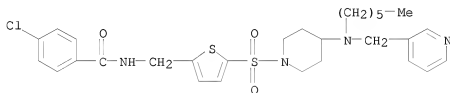
RN 406678-94-2 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[hexyl(phenylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



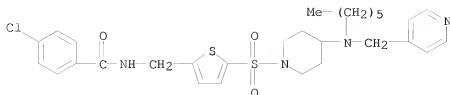
RN 406678-95-3 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[hexyl(3-pyridinylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



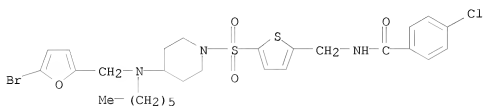
RN 406678-96-4 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[hexyl(4-pyridinylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



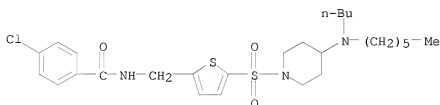
RN 406678-97-5 CAPLUS

CN Benamide, N-[[5-[[4-[[5-(5-bromo-2-furanyl)methyl]hexylamino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-chloro- (CA INDEX NAME)



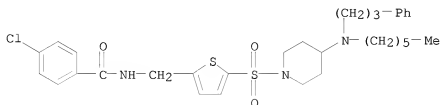
RN 406678-98-6 CAPLUS

CN Benamide, N-[[5-[[4-(butylhexylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-chloro- (CA INDEX NAME)



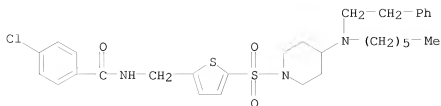
RN 406678-99-7 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-(hexyl(3-phenylpropyl)amino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



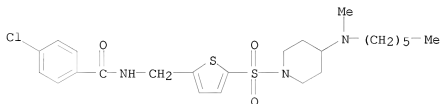
RN 406679-00-3 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-(hexyl(2-phenylethyl)amino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



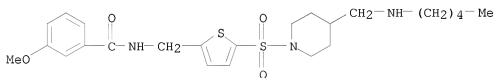
RN 406679-01-4 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-(hexylmethylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



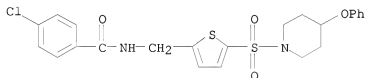
RN 406679-30-9 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-(pentylamino)methyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



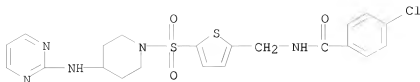
RN 830331-16-3 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-(4-phenoxy-1-piperidinyl) sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



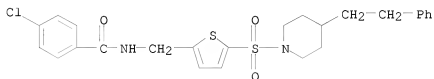
RN 830331-19-6 CAPLUS

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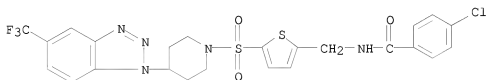
RN 830331-20-9 CAPLUS

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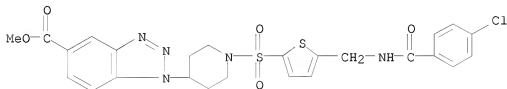
RN 830331-34-5 CAPLUS

CN Benzamide, 4-chloro-N-[5-[[4-[5-(trifluoromethyl)-1H-benzotriazol-1-yl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



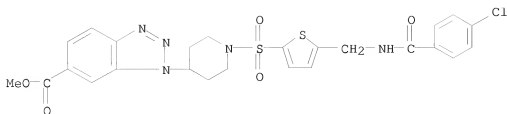
RN 830331-35-6 CAPLUS

CN 1H-Benzotriazole-5-carboxylic acid, 1-[1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-thienyl]sulfonyl]-4-piperidinyl]-, methyl ester (CA INDEX NAME)



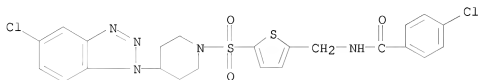
RN 830331-36-7 CAPLUS

CN 1H-Benzotriazole-6-carboxylic acid, 1-[1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-thienyl]sulfonyl]-4-piperidinyl]-, methyl ester (CA INDEX NAME)



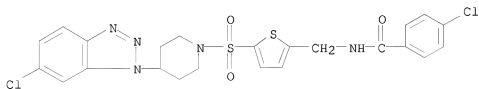
RN 830331-37-8 CAPLUS

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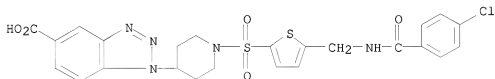
RN 830331-38-9 CAPLUS

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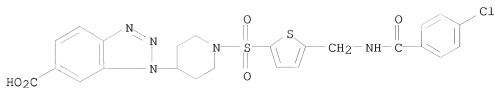
RN 830331-39-0 CAPLUS

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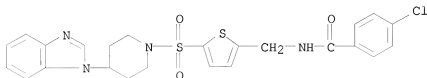
RN 830331-40-3 CAPLUS

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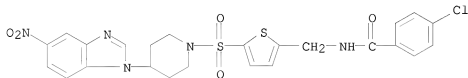
RN 830331-41-4 CAPLUS

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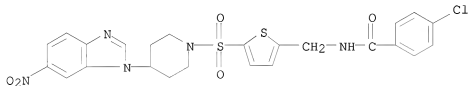
RN 830331-42-5 CAPLUS

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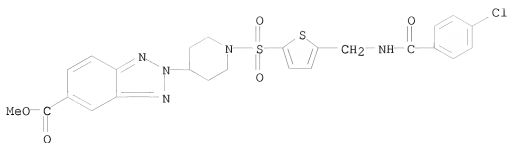
RN 830331-43-6 CAPLUS

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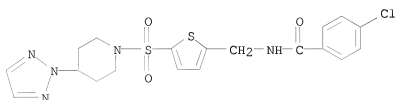
RN 830331-45-8 CAPLUS

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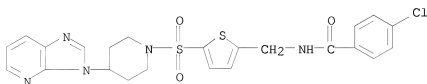
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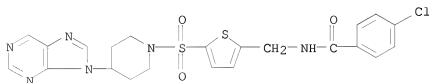
RN 830331-47-0 CAPLUS

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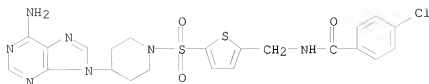
RN 830331-48-1 CAPLUS

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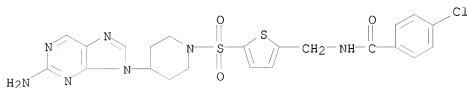
RN 830331-49-2 CAPLUS

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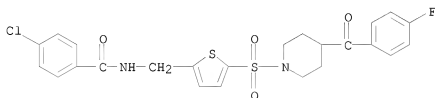
RN 830331-50-5 CAPLUS

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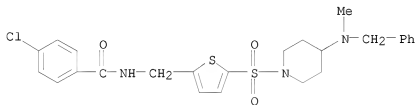
RN 848557-18-6 CAPLUS

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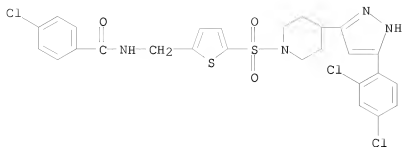
RN 848557-26-6 CAPLUS

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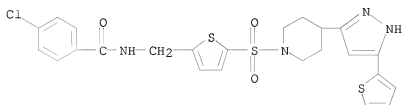
RN 848557-27-7 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[5-(2,4-dichlorophenyl)-1H-pyrazol-3-yl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



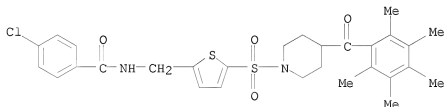
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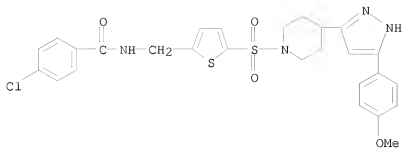
RN 848557-29-9 CAPLUS

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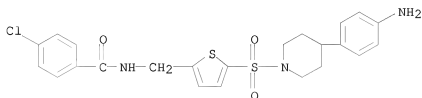
RN 848557-31-3 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[5-(4-methoxyphenyl)-1H-pyrazol-3-yl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



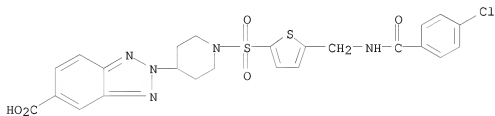
RN 848557-32-4 CAPLUS

CN Benzamide, N-[[5-[[4-(4-aminophenyl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-chloro- (CA INDEX NAME)



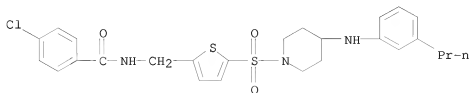
RN 848557-36-8 CAPLUS

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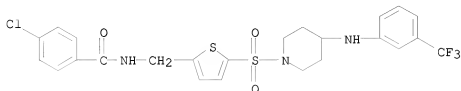
RN 848557-37-9 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(3-propylphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



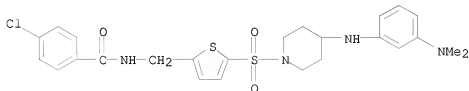
RN 848557-38-0 CAPLUS

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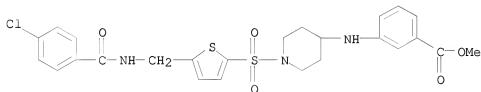
RN 848557-39-1 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[3-(dimethylamino)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



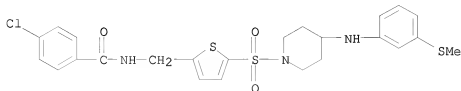
RN 848557-40-4 CAPLUS

CN Benzoic acid, 3-[[1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-thienyl]sulfonyl]-4-piperidinyl]amino]-, methyl ester (CA INDEX NAME)



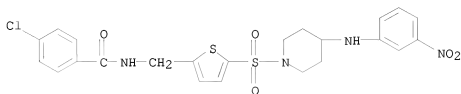
RN 848557-41-5 CAPLUS

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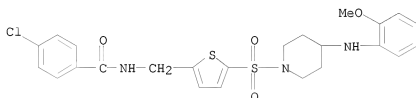
RN 848557-42-6 CAPLUS

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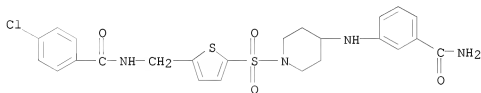
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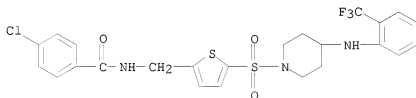
RN 848557-44-8 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-(aminocarbonyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-chloro- (CA INDEX NAME)



RN 848557-45-9 CAPLUS

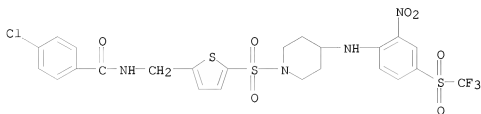
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RN 848557-46-0 CAPLUS

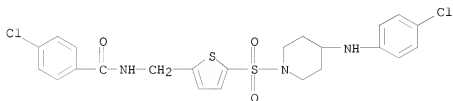
CN Benzamide, 4-chloro-N-[[5-[[4-[[2-nitro-4-

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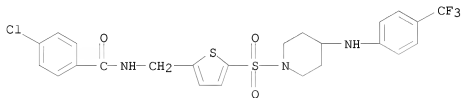
RN 848557-47-1 CAPLUS

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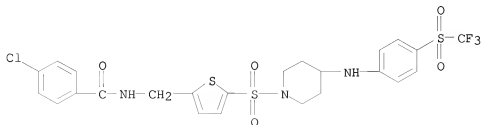
RN 848557-48-2 CAPLUS

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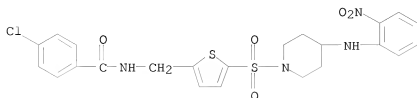
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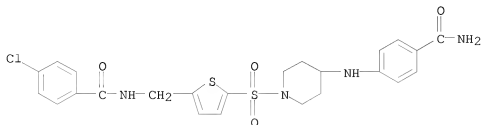
RN 848557-50-6 CAPLUS

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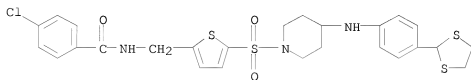
RN 848557-51-7 CAPLUS

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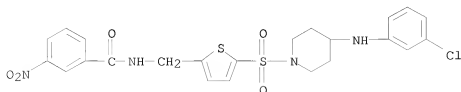
RN 848557-52-8 CAPLUS

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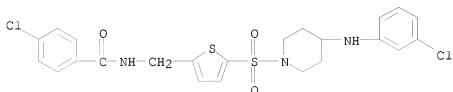
RN 848557-53-9 CAPLUS

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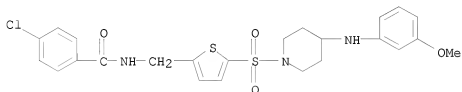
RN 848557-54-0 CAPLUS

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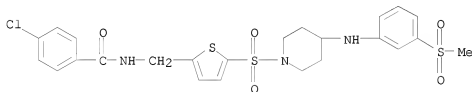
RN 848557-55-1 CAPLUS

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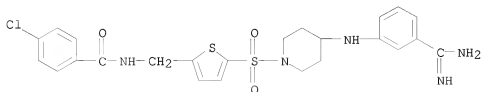
RN 848557-56-2 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[3-(methylsulfonyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 848557-57-3 CAPLUS

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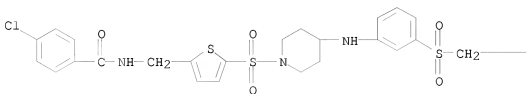


10/070,954

RN 848557-58-4 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[3-[(2-hydroxyethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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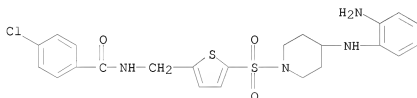


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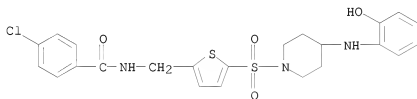
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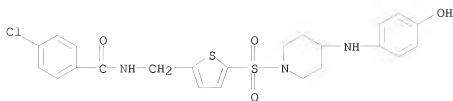
RN 848557-60-8 CAPLUS

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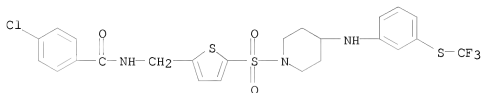
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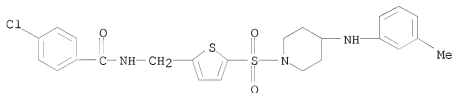
RN 848557-62-0 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[[3-[(trifluoromethyl)thio]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



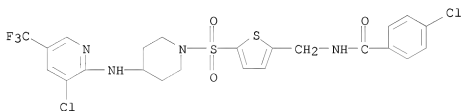
RN 848557-63-1 CAPLUS

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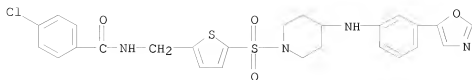
RN 848557-64-2 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



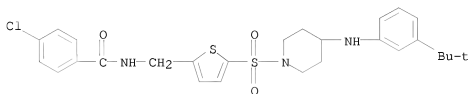
RN 848557-65-3 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[[3-(5-oxazolyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



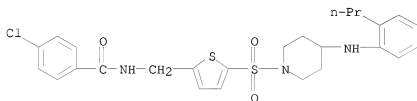
RN 848557-66-4 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[[3-(1,1-dimethylethyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



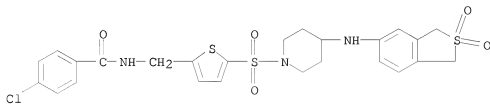
RN 848557-67-5 CAPLUS

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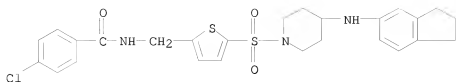
RN 848557-68-6 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[(1,3-dihydro-2,2-dioxidobenzo[c]thien-5-yl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



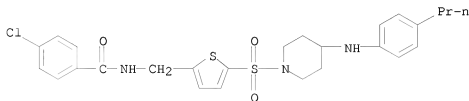
RN 848557-69-7 CAPLUS

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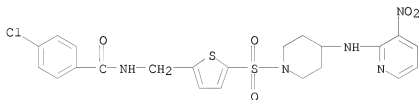
RN 848557-70-0 CAPLUS

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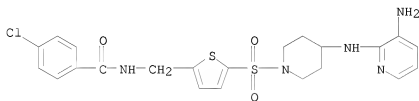
RN 848557-71-1 CAPLUS

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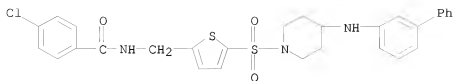
RN 848557-72-2 CAPLUS

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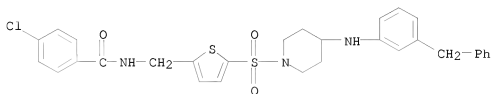
RN 848557-73-3 CAPLUS

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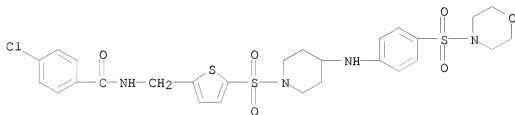
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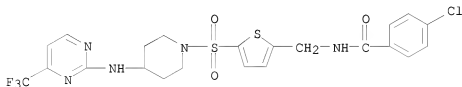
RN 848557-75-5 CAPLUS

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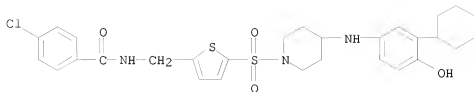
RN 848557-76-6 CAPLUS

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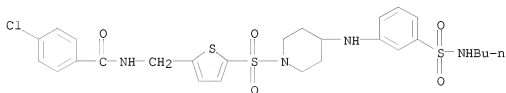
RN 848557-77-7 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[[3-(cyclohexyl-4-hydroxyphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



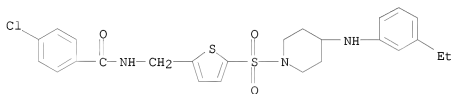
RN 848557-78-8 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-[(butylamino)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-chloro-2-hydroxyphenyl] (CA INDEX NAME)



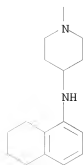
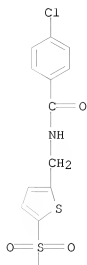
RN 848557-79-9 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(3-ethylphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-chloro-2-sulfonylphenyl] (CA INDEX NAME)



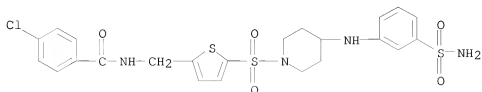
RN 848557-80-2 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(5,6,7,8-tetrahydro-1-naphthalenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-chloro-2-ethylphenyl] (CA INDEX NAME)



RN 848557-81-3 CAPLUS

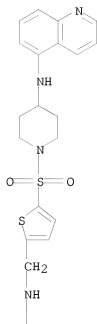
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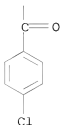
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RN 848557-82-4 CAPLUS
CN Benzamide, 4-chloro-N-[[5-[[4-(5-quinolinylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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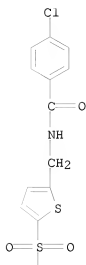


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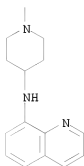


RN 848557-83-5 CAPLUS
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PAGE 1-A

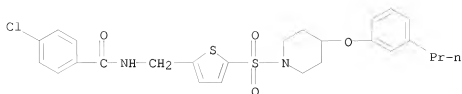


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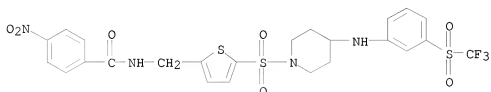
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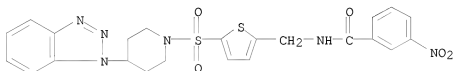
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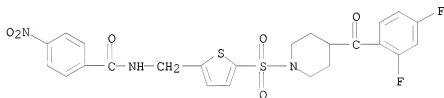
RN 848557-88-0 CAPLUS

CN Benzamide, N-[[5-[[4-(1H-benzotriazol-1-yl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



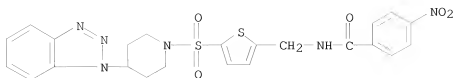
RN 848557-89-1 CAPLUS

CN Benzamide, N-[[5-[[4-(2,4-difluorobenzoyl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-nitro- (CA INDEX NAME)



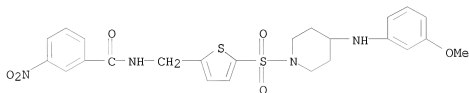
RN 848557-90-4 CAPLUS

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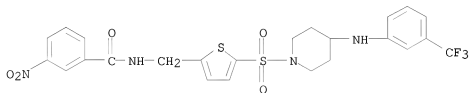
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CN Benamide, N-[[5-[[4-[(3-methoxyphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



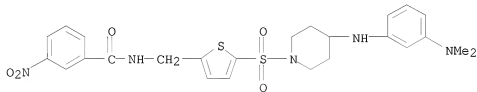
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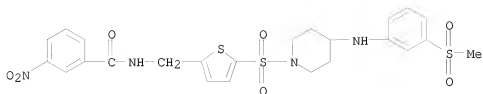
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CN Benamide, N-[[5-[[4-[(3-(dimethylamino)phenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



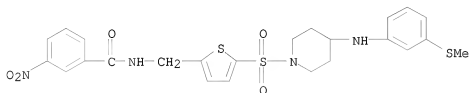
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CN Benamide, N-[[5-[[4-[(3-(methylsulfonyl)phenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



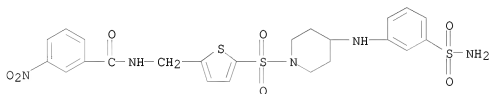
RN 848557-95-9 CAPLUS

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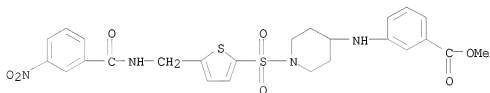
RN 848557-96-0 CAPLUS

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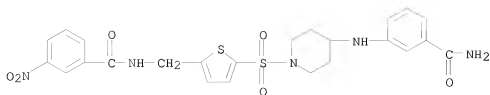
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CN Benzoic acid, 3-[[1-[[5-[[3-(3-nitrobenzoyl)amino]methyl]-2-thienyl]sulfonyl]-4-piperidinyl]amino]-, methyl ester (CA INDEX NAME)



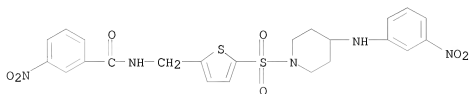
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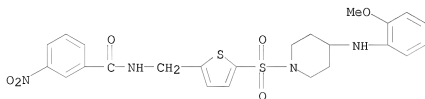
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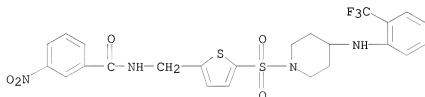
RN 848558-00-9 CAPLUS

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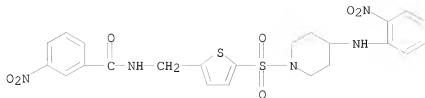
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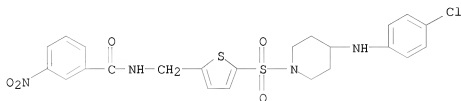
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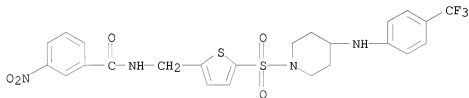
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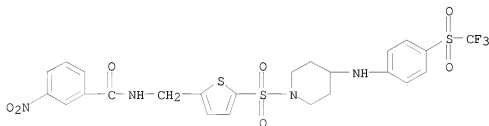
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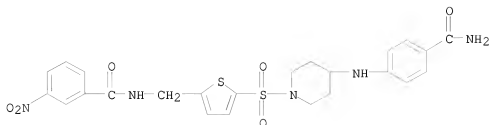
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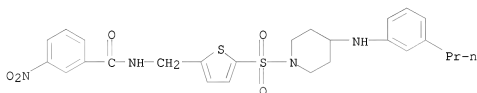
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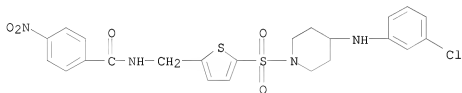
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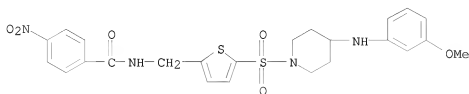
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CN Benzamide, N-[[5-[[4-[(3-chlorophenyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]-4-nitro- (CA INDEX NAME)



RN 848558-09-8 CAPLUS

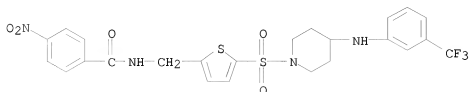
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RN 848558-10-1 CAPLUS

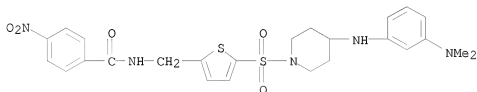
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piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



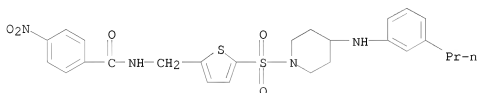
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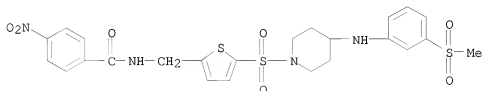
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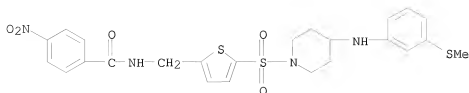
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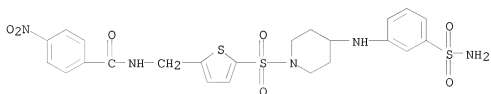


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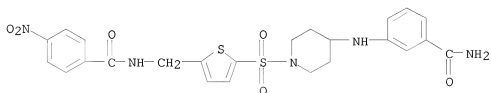
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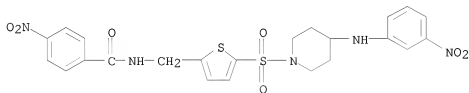
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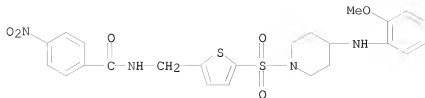
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 CN Benzamide, N-[[5-[[4-[[3-(aminocarbonyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-nitro- (CA INDEX NAME)



RN 848558-17-8 CAPLUS
 CN Benzamide, 4-nitro-N-[[5-[[4-[(3-nitrophenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

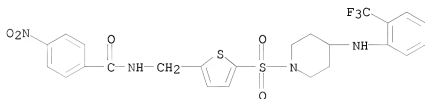


RN 848558-18-9 CAPLUS
 CN Benzamide, N-[[5-[[4-[(2-methoxyphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-nitro- (CA INDEX NAME)



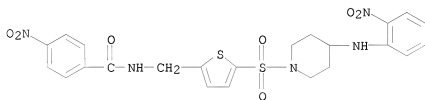
RN 848558-19-0 CAPLUS

CN Benzamide, 4-nitro-N-[[5-[[4-[[2-(trifluoromethyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



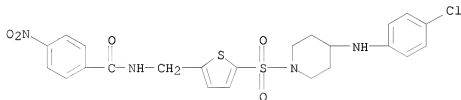
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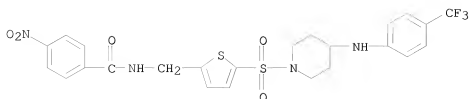
RN 848558-21-4 CAPLUS

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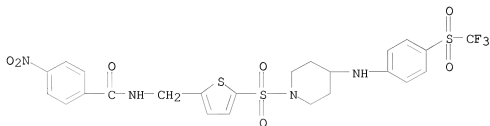
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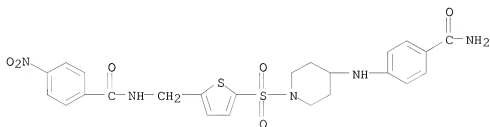
RN 848558-23-6 CAPLUS

CN Benzamide, 4-nitro-N-[[5-[[4-[[4-(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



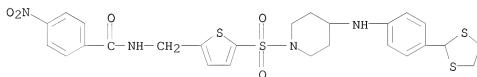
RN 848558-24-7 CAPLUS

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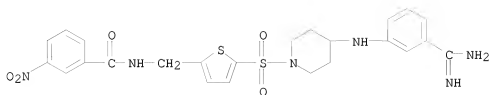
RN 848558-25-8 CAPLUS

CN Benzamide, N-[[5-[[4-[[4-(1,3-dithiolan-2-yl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-nitro- (CA INDEX NAME)



RN 848558-26-9 CAPLUS

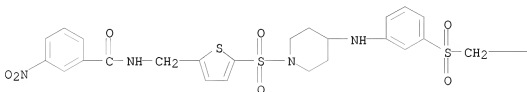
CN Benzamide, N-[[5-[[4-[[3-(aminoiminomethyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



RN 848558-27-0 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-[(2-hydroxyethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)

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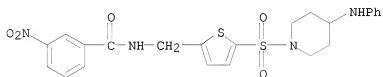


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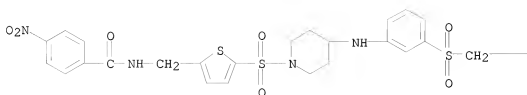
CN Benzamide, 3-nitro-N-[[5-[[4-(phenylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 848558-29-2 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-[(2-hydroxyethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-nitro- (CA INDEX NAME)

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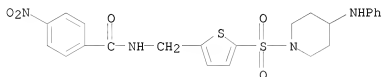


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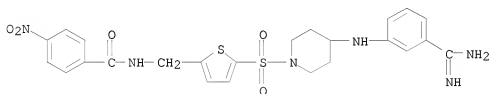
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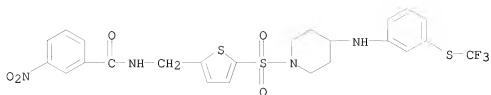
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CN Benzamide, N-[[5-[[4-[[3-(aminoiminomethyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-nitro- (CA INDEX NAME)



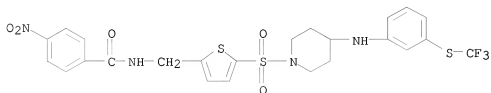
RN 848558-32-7 CAPLUS

CN Benzamide, 3-nitro-N-[[5-[[4-[[3-[(trifluoromethyl)thio]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



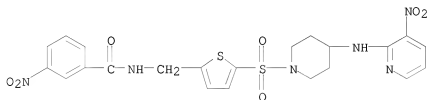
RN 848558-33-8 CAPLUS

CN Benzamide, 4-nitro-N-[[5-[[4-[[3-[(trifluoromethyl)thio]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



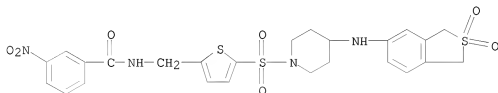
RN 848558-34-9 CAPLUS

CN Benzamide, 3-nitro-N-[[5-[[4-[[3-nitro-2-pyridinyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



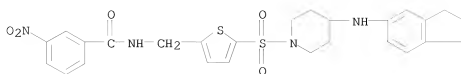
RN 848558-35-0 CAPLUS

CN Benzamide, N-[[5-[[4-[[1,3-dihydro-2,2-dioxido-5H-benzothien-5-yl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



RN 848558-36-1 CAPLUS

CN Benzamide, N-[[5-[[4-[[2,3-dihydro-1H-inden-5-yl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



IT 848558-37-2, 3-Nitro-N-[[5-[[4-(2-propylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-38-3,
 3-Nitro-N-[[5-[[4-(4-propylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-39-4,
 N-[[5-[[4-(3-tert-Butylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-40-7,
 3-Nitro-N-[[5-[[4-(3-(1,3-oxazol-5-yl)anilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-41-8,
 3-Nitro-N-[[5-[[4-(2-phenylethyl)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-42-9,
 N-[[5-[[4-[[3-Chloro-5-(trifluoromethyl)pyridin-2-yl]amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-43-0,
 N-[[5-[[4-[[1,1'-Biphenyl]-3-yl]amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-44-1,
 N-[[5-[[4-(3-Benzylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-45-2,
 3-Nitro-N-[[5-[[4-(3-(morpholin-4-ylsulfonyl)anilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-46-3,
 3-Nitro-N-[[5-[[4-[(3-propylphenyl)oxy]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-47-4,
 4-Nitro-N-[[5-[[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-48-5,
 N-[[5-[[4-[(3-Aminopyridin-2-yl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-49-6,
 4-Nitro-N-[[5-[[4-[(3-nitropyridin-2-yl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-50-9,
 N-[[5-[[4-[(2,3-Dihydro-1H-inden-5-yl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-51-0,
 4-Nitro-N-[[5-[[4-(2-propylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-52-1,
 4-Nitro-N-[[5-[[4-(4-propylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-53-2,
 N-[[5-[[4-(3-tert-Butylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-54-3,
 4-Nitro-N-[[5-[[4-(3-(1,3-oxazol-5-yl)anilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-55-4,
 4-Nitro-N-[[5-[[4-(2-phenylethyl)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-56-5,
 N-[[5-[[4-[[3-Chloro-5-(trifluoromethyl)pyridin-2-yl]amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-57-6,
 N-[[5-[[4-[[1,1'-Biphenyl]-3-yl]amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-58-7,
 N-[[5-[[4-(3-Benzylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-4-nitrobenzamide 848558-59-8,
 4-Nitro-N-[[5-[[4-(3-(morpholin-4-ylsulfonyl)anilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-60-1,
 N-[[5-[[4-(2-Aminoanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-61-2,
 3-Nitro-N-[[5-[[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-62-3,

N-[[5-[[4-[(3-Aminopyridin-2-yl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-63-4,
 N-[[5-[[4-[2-Nitro-4-[(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 848558-65-6,
 3-Nitro-N-[[5-[[4-[(4-(trifluoromethyl)pyrimidin-2-yl)amino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-66-7,
 N-[[5-[[4-(3-Cyclohexyl-4-hydroxyanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-67-8,
 N-[[5-[[4-[3-[(Butylamino)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-68-9,
 N-[[5-[[4-(3-Ethylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-nitrobenzamide 848558-69-0,
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 4-Nitro-N-[[5-[[4-[(3-propylphenyl)oxy]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-71-4,
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 2-Hydroxy-N-[[5-[[4-[3-[(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 848558-74-7,
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yl)methyl]-3-methoxybenzamide 848558-92-9,
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 yl]methyl]-3-methoxybenzamide 848558-96-3,
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 yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 848558-97-4,
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 yl]methyl]-3-methoxybenzamide 848559-13-7,
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 yl]methyl]benzamide 848559-14-8,
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 yl]methyl]benzamide 848559-16-0,
 N-[[5-[[4-(3-Benzylanilino)piperidin-1-yl]sulfonyl]thien-2-yl]methyl]-3-
 methoxybenzamide 848559-18-2,
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 yl]sulfonyl]thien-2-yl]methyl]benzamide 848559-19-3,
 N-[[5-[[4-[[3-Cyclohexyl-4-hydroxyanilino]piperidin-1-yl]sulfonyl]thien-2-
 yl]methyl]-3-methoxybenzamide 848559-20-6
 848559-21-7, N-[[5-[[4-(3-Ethylanilino)piperidin-1-
 yl]sulfonyl]thien-2-yl]methyl]-3-methoxybenzamide 848559-22-8,

3-Methoxy-N-[[5-[[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide 848559-23-9,
 N-[[5-[[4-(1H-1,2,3-Benzotriazol-1-yl)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-5-nitro-1H-pyrazole-3-carboxamide 848559-24-0,
 N-[[5-[[4-(1H-1,2,3-Benzotriazol-1-yl)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-2-oxo-1,2-dihydropyridine-3-carboxamide 848559-25-1,
 N-[[5-[[4-(1H-1,2,3-Benzotriazol-1-yl)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-2-thioxo-1,2-dihydropyridine-3-carboxamide 848559-26-2,
 N-[[5-[[4-(1H-1,2,3-Benzotriazol-1-yl)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-3,4-dihydroxybenzamide 848559-27-3,
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 N-[[5-[[4-(Hexyloxy)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide 848559-29-5 848559-30-8,
 4-Chloro-N-[[5-[[4-(3-propylanilino)piperidin-1-yl]sulfonyl]-2-furyl)methyl]benzamide 848559-31-9,
 4-Chloro-N-[[5-[[4-(3-chloroanilino)piperidin-1-yl]sulfonyl]-2-furyl)methyl]benzamide 848559-32-0,
 4-Chloro-N-[[5-[[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl]-2-furyl)methyl]benzamide 848559-33-1,
 4-Chloro-N-[[5-[[4-(3-(trifluoromethyl)anilino)piperidin-1-yl]sulfonyl]-2-furyl)methyl]benzamide 848559-34-2,
 4-Chloro-N-[[5-[[4-(3-(dimethylamino)anilino)piperidin-1-yl]sulfonyl]-2-furyl)methyl]benzamide 848559-35-3,
 4-Chloro-N-[[5-[[4-(3-(methylsulfonyl)anilino)piperidin-1-yl]sulfonyl]-2-furyl)methyl]benzamide 848559-36-4,
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 N-[[5-[[4-(3-(Aminosulfonyl)anilino)piperidin-1-yl]sulfonyl]-2-furyl)methyl]-4-chlorobenzamide 848559-38-6, Methyl
 3-[[1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-furyl]sulfonyl]piperidin-4-yl]amino]benzoate 848559-39-7,
 3-[[1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-furyl]sulfonyl]piperidin-4-yl]amino]benzamide 848559-40-0,
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 4-Chloro-N-[[5-[[4-(2-(trifluoromethyl)anilino)piperidin-1-yl]sulfonyl]-2-furyl)methyl]benzamide 848559-43-3,
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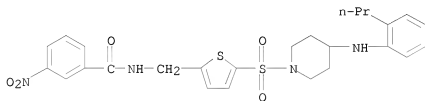
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 848559-65-9, [1-[5-[[(4-Chlorobenzoyl)amino)methyl]-2-thienyl]sulfonyl]-4-piperidinyl](hexyl)amino]acetic acid
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 2-Oxo-N-[[5-[[4-[(4-(trifluoromethyl)benzyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-1,2-dihydro-3-pyridinecarboxamide 848560-16-7,
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 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (antidiabetic agent; thiophenesulfonamide derivs. for treatment of diabetes)

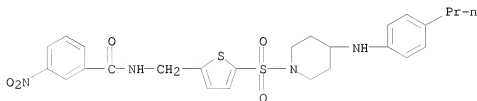
RN 848558-37-2 CAPLUS

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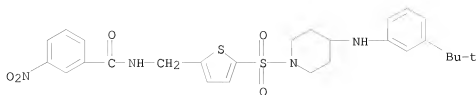
RN 848558-38-3 CAPLUS

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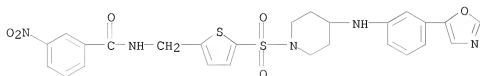
RN 848558-39-4 CAPLUS

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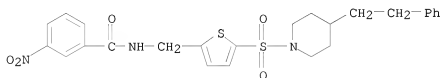
RN 848558-40-7 CAPLUS

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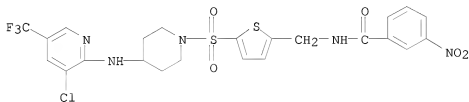
RN 848558-41-8 CAPLUS

CN Benzamide, 3-nitro-N-[[5-[[4-(2-phenylethyl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



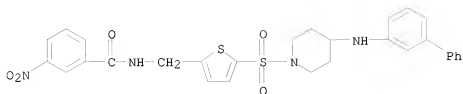
RN 848558-42-9 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



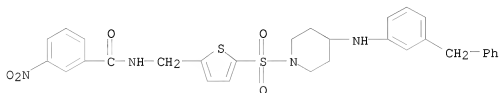
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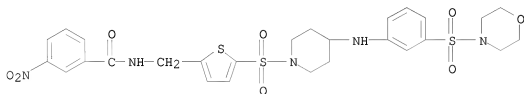
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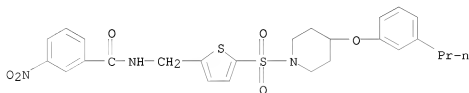
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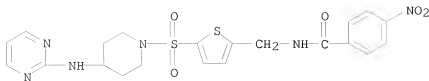
RN 848558-46-3 CAPLUS

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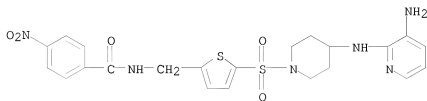
RN 848558-47-4 CAPLUS

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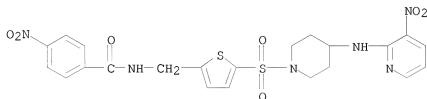
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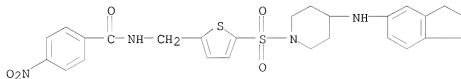
RN 848558-49-6 CAPLUS

CN Benamide, 4-nitro-N-[[5-[[4-[(3-nitro-2-pyridinyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



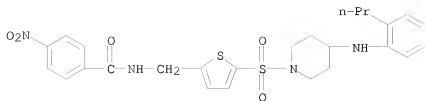
RN 848558-50-9 CAPLUS

CN Benamide, N-[[5-[[4-[(2,3-dihydro-1H-inden-5-yl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-nitro- (CA INDEX NAME)



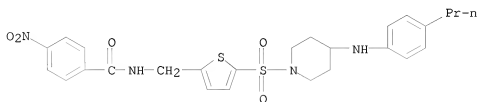
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CN Benamide, 4-nitro-N-[[5-[[4-[(2-propylphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



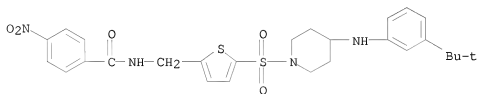
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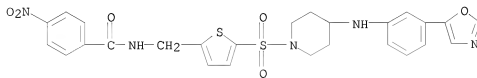
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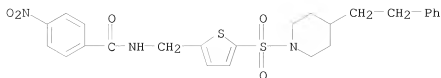
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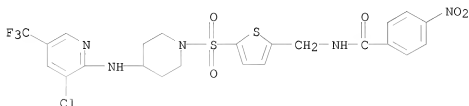
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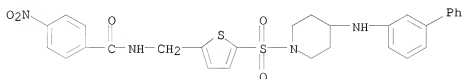
RN 848558-56-5 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-nitro- (CA INDEX NAME)



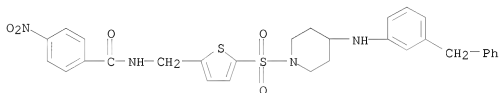
RN 848558-57-6 CAPLUS

CN Benzamide, N-[[5-[[4-([1,1'-biphenyl]-3-ylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-nitro- (CA INDEX NAME)



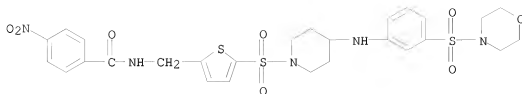
RN 848558-58-7 CAPLUS

CN Benzamide, 4-nitro-N-[[5-[[4-[[3-(phenylmethyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



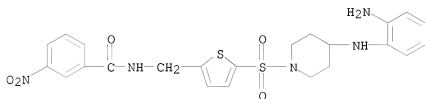
RN 848558-59-8 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-(4-morpholinylsulfonyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-nitro- (CA INDEX NAME)



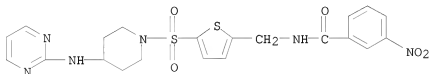
RN 848558-60-1 CAPLUS

CN Benamide, N-[[5-[[4-[(2-aminophenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



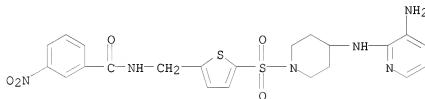
RN 848558-61-2 CAPLUS

CN Benamide, 3-nitro-N-[[5-[[4-(2-pyrimidinylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



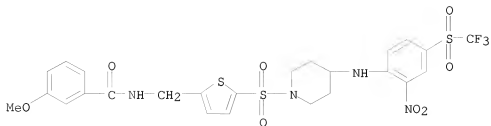
RN 848558-62-3 CAPLUS

CN Benamide, N-[[5-[[4-[(3-amino-2-pyridinyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



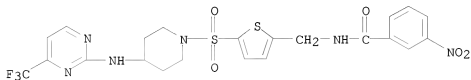
RN 848558-63-4 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[4-[[2-nitro-4-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



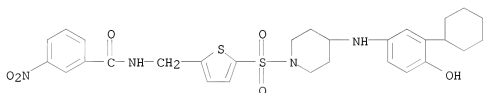
RN 848558-65-6 CAPLUS

CN Benzamide, 3-nitro-N-[[5-[[4-[[4-(trifluoromethyl)-2-pyrimidinyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



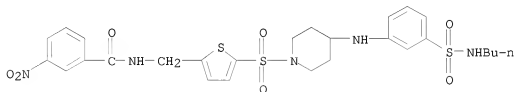
RN 848558-66-7 CAPLUS

CN Benzamide, N-[[5-[[4-[(3-cyclohexyl-4-hydroxyphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



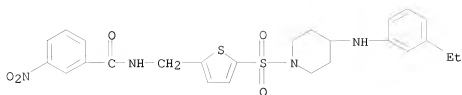
RN 848558-67-8 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-[(butylamino)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



RN 848558-68-9 CAPLUS

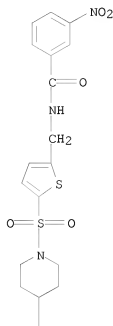
CN Benzamide, N-[[5-[[4-[(3-ethylphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



RN 848558-69-0 CAPLUS

CN Benzamide, 3-nitro-N-[[5-[[4-[(5,6,7,8-tetrahydro-1-naphthalenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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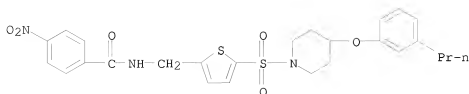


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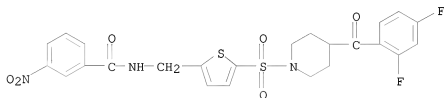
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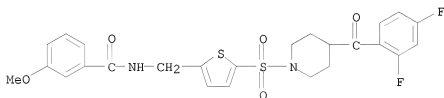
RN 848558-71-4 CAPLUS

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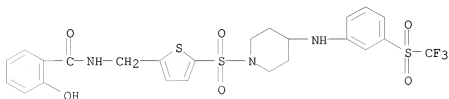
RN 848558-72-5 CAPLUS

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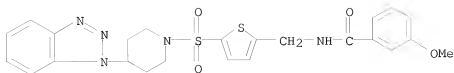
RN 848558-73-6 CAPLUS

CN Benzamide, 2-hydroxy-N-[[5-[[4-[[3-(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



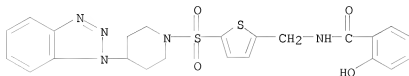
RN 848558-74-7 CAPLUS

CN Benzamide, N-[[5-[[4-(1H-benzotriazol-1-yl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



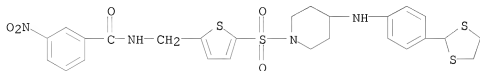
RN 848558-75-8 CAPLUS

CN Benzamide, N-[[5-[[4-(1H-benzotriazol-1-yl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-2-hydroxy- (CA INDEX NAME)



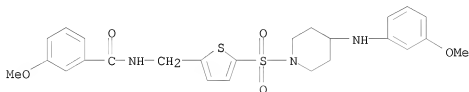
RN 848558-76-9 CAPLUS

CN Benzamide, N-[[5-[[4-[(1,3-dithiolan-2-yl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-nitro- (CA INDEX NAME)



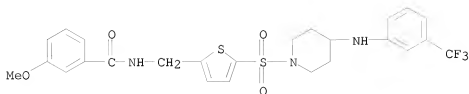
RN 848558-77-0 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-methoxyphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



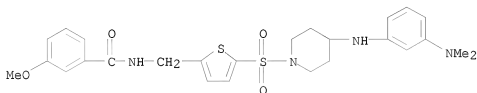
RN 848558-78-1 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-(trifluoromethyl)phenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



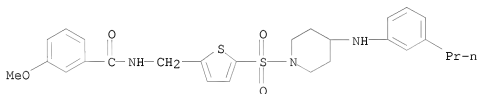
RN 848558-79-2 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-(dimethylamino)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



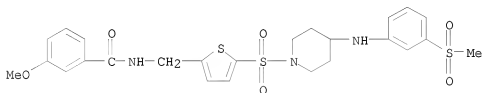
RN 848558-80-5 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-propylphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



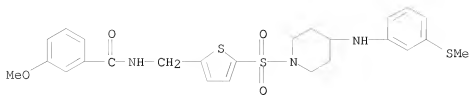
RN 848558-81-6 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-methylsulfonyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



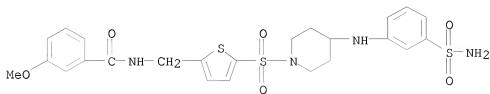
RN 848558-82-7 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-methylthio)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



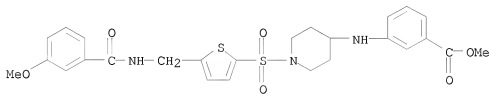
RN 848558-83-8 CAPLUS

CN Benamide, N-[[5-[[4-[[3-(aminosulfonyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



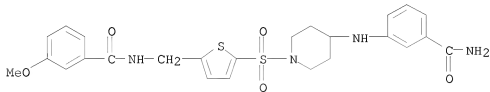
RN 848558-84-9 CAPLUS

CN Benzoic acid, 3-[[1-[[5-[[3-(3-methoxybenzoyl)amino]methyl]-2-thienyl]sulfonyl]-4-piperidinyl]amino]-, methyl ester (CA INDEX NAME)



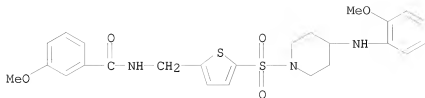
RN 848558-85-0 CAPLUS

CN Benamide, N-[[5-[[4-[[3-(aminocarbonyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



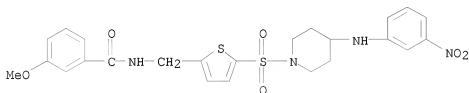
RN 848558-86-1 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[4-[(2-methoxyphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



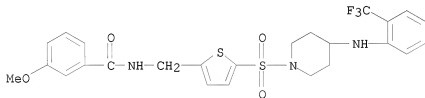
RN 848558-87-2 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-nitrophenyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



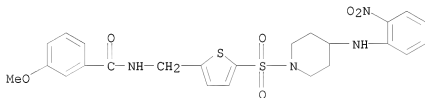
RN 848558-88-3 CAPLUS

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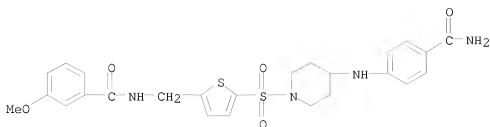
RN 848558-89-4 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(2-nitrophenyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



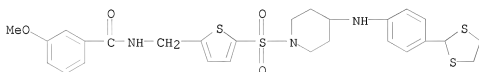
RN 848558-90-7 CAPLUS

CN Benzamide, N-[[5-[[4-[[4-(aminocarbonyl)phenyl]amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)



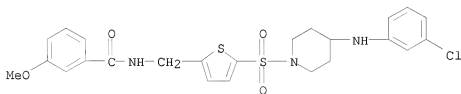
RN 848558-91-8 CAPLUS

CN Benamide, N-[[5-[[4-[(1,3-dithiolan-2-yl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



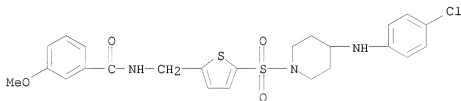
RN 848558-92-9 CAPLUS

CN Benamide, N-[[5-[[4-[(3-chlorophenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



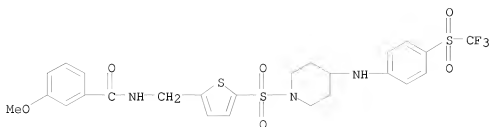
RN 848558-93-0 CAPLUS

CN Benamide, N-[[5-[[4-[(4-chlorophenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



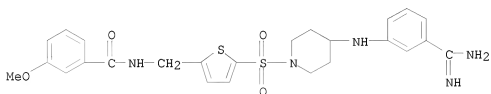
RN 848558-94-1 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[4-[[4-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 848558-95-2 CAPLUS

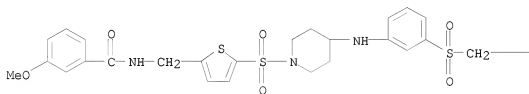
CN Benamide, N-[[5-[[4-[[3-(aminoiminomethyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 848558-96-3 CAPLUS

CN Benamide, N-[[5-[[4-[[3-(2-hydroxyethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)

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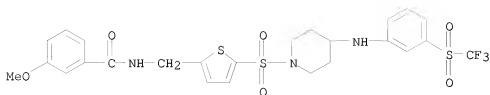


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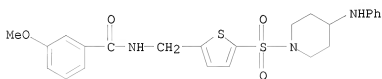
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CN Benamide, 3-methoxy-N-[[5-[[4-[[3-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



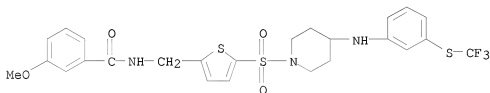
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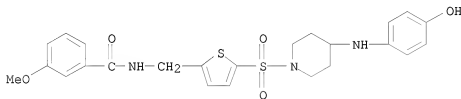
RN 848558-99-6 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[3-((trifluoromethyl)thio)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



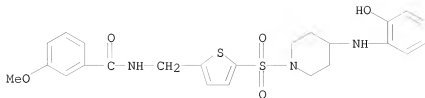
RN 848559-00-2 CAPLUS

CN Benzamide, N-[[5-[[4-[[4-(hydroxyphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy]- (CA INDEX NAME)



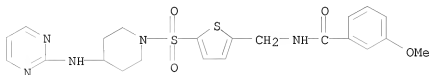
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CN Benzamide, N-[[5-[[4-[[2-(hydroxyphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy]- (CA INDEX NAME)



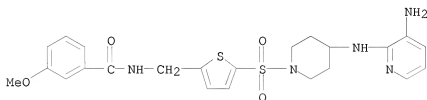
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CN Benzamide, 3-methoxy-N-[[5-[[4-(2-pyrimidinylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



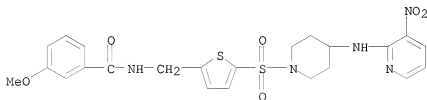
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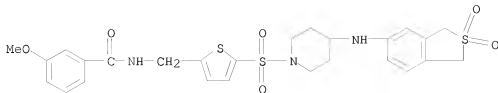
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CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-nitro-2-pyridinyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



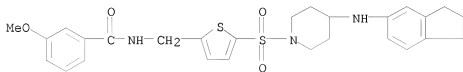
RN 848559-05-7 CAPLUS

CN Benzamide, N-[[5-[[4-[(1,3-dihydro-2,2-dioxido-1,4-benzothien-5-yl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



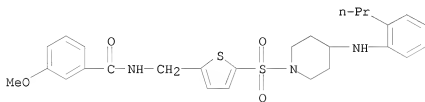
RN 848559-06-8 CAPLUS

CN Benzamide, N-[[5-[[4-[(2,3-dihydro-1H-inden-5-yl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)



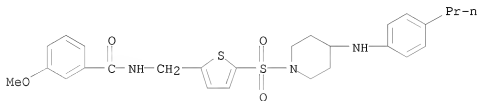
RN 848559-07-9 CAPLUS

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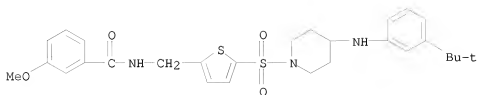
RN 848559-08-0 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-(4-propylphenyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



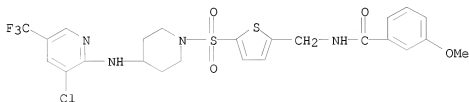
RN 848559-09-1 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-(1,1-dimethylethyl)phenyl]amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)



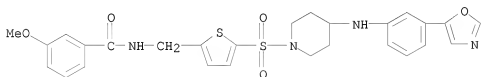
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CN Benzamide, N-[[5-[[4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



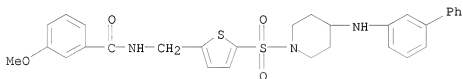
RN 848559-11-5 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[3-(5-oxazolyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



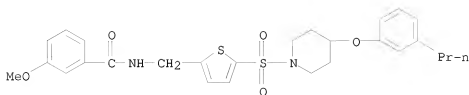
RN 848559-12-6 CAPLUS

CN Benzamide, N-[[5-[[4-[[1,1'-biphenyl]-3-ylamino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



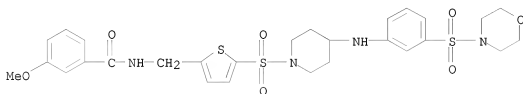
RN 848559-13-7 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-(3-propylphenoxy)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



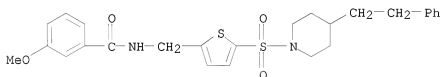
RN 848559-14-8 CAPLUS

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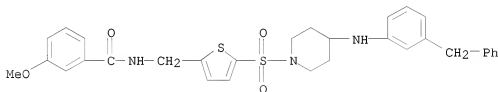
RN 848559-15-9 CAPLUS

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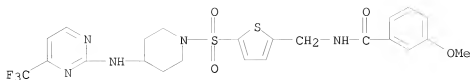
RN 848559-16-0 CAPLUS

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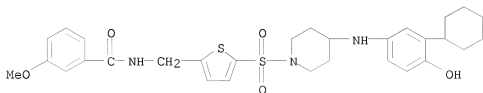
RN 848559-18-2 CAPLUS

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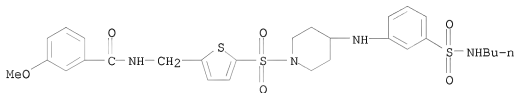
RN 848559-19-3 CAPLUS

CN Benzamide, N-[[5-[[4-[(3-cyclohexyl-4-hydroxyphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)



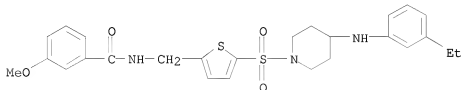
RN 848559-20-6 CAPLUS

CN Benzamide, N-[[5-[[4-[[3-(butylamino)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)



RN 848559-21-7 CAPLUS

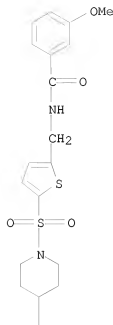
CN Benzamide, N-[[5-[[4-[(3-ethylphenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)



RN 848559-22-8 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(5,6,7,8-tetrahydro-1-naphthalenyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)

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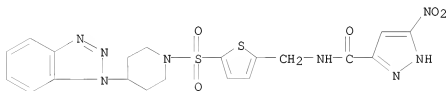


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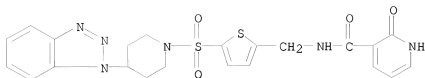
RN 848559-23-9 CAPLUS

CN 1H-Pyrazole-3-carboxamide, N-[[5-[[4-(1H-benzotriazol-1-yl)-1-piperidiny]sulfonyl]-2-thienyl]methyl]-5-nitro- (CA INDEX NAME)



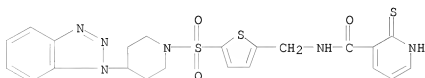
RN 848559-24-0 CAPLUS

CN 3-Pyridinecarboxamide, N-[[5-[[4-(1H-benzotriazol-1-yl)-1-piperidiny]sulfonyl]-2-thienyl]methyl]-1,2-dihydro-2-oxo- (CA INDEX NAME)



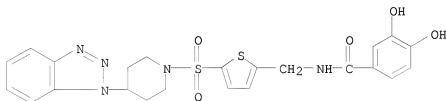
RN 848559-25-1 CAPLUS

CN 3-Pyridinecarboxamide, N-[[5-[[4-(1H-benzotriazol-1-yl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-1,2-dihydro-2-thioxo- (CA INDEX NAME)



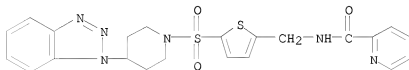
RN 848559-26-2 CAPLUS

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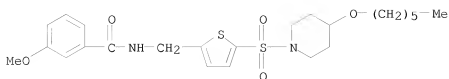
RN 848559-27-3 CAPLUS

CN 2-Pyridinecarboxamide, N-[[5-[[4-(1H-benzotriazol-1-yl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



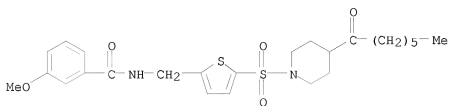
RN 848559-28-4 CAPLUS

CN Benzamide, N-[[5-[[4-(hexyloxy)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



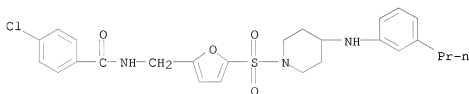
RN 848559-29-5 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[4-(1-oxoheptyl)-1-piperidiny]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



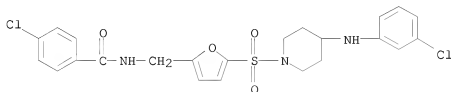
RN 848559-30-8 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[(3-propylphenyl)amino]-1-piperidiny]sulfonyl]-2-furanyl]methyl]- (CA INDEX NAME)



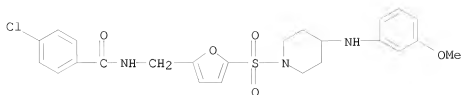
RN 848559-31-9 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[(3-chlorophenyl)amino]-1-piperidiny]sulfonyl]-2-furanyl]methyl]- (CA INDEX NAME)



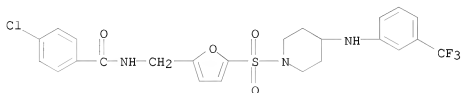
RN 848559-32-0 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[(3-methoxyphenyl)amino]-1-piperidiny]sulfonyl]-2-furanyl]methyl]- (CA INDEX NAME)



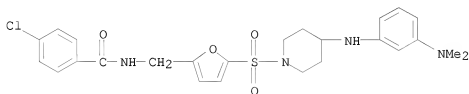
RN 848559-33-1 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[3-(trifluoromethyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-furanyl]methyl]- (CA INDEX NAME)



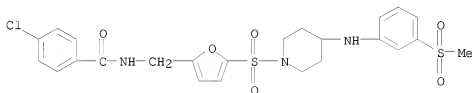
RN 848559-34-2 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[3-(dimethylamino)phenyl]amino]-1-piperidinyl]sulfonyl]-2-furanyl]methyl]- (CA INDEX NAME)



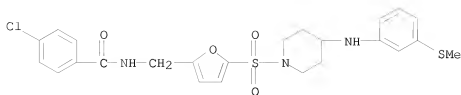
RN 848559-35-3 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[3-(methylsulfonyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-furanyl]methyl]- (CA INDEX NAME)



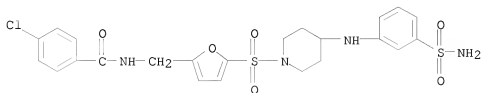
RN 848559-36-4 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[3-(methylthio)phenyl]amino]-1-piperidinyl]sulfonyl]-2-furanyl]methyl]- (CA INDEX NAME)



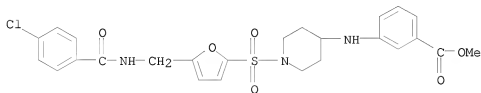
RN 848559-37-5 CAPLUS

CN Benamide, N-[[5-[[4-[[3-(aminosulfonyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-furanyl]methyl]-4-chloro- (CA INDEX NAME)



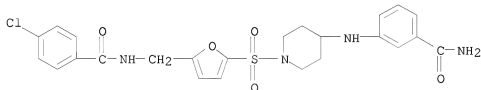
RN 848559-38-6 CAPLUS

CN Benzoic acid, 3-[[1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-furanyl]sulfonyl]-4-piperidinyl]amino]-, methyl ester (CA INDEX NAME)



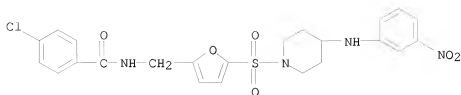
RN 848559-39-7 CAPLUS

CN Benamide, N-[[5-[[4-[[3-(aminocarbonyl)phenyl]amino]-1-piperidinyl]sulfonyl]-2-furanyl]methyl]-4-chloro- (CA INDEX NAME)



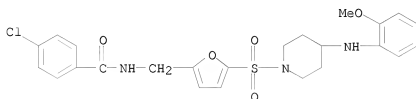
RN 848559-40-0 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[[3-(nitrophenyl)amino]-1-piperidinyl]sulfonyl]-2-furanyl]methyl]- (CA INDEX NAME)



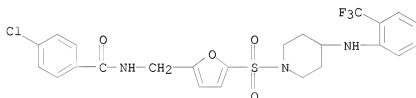
RN 848559-41-1 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(2-methoxyphenyl)amino]-1-piperidinyl)sulfonyl]-2-furanyl)methyl]- (CA INDEX NAME)



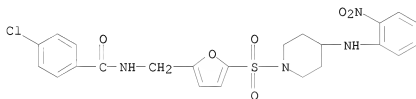
RN 848559-42-2 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(2-(trifluoromethyl)phenyl)amino]-1-piperidinyl)sulfonyl]-2-furanyl)methyl]- (CA INDEX NAME)



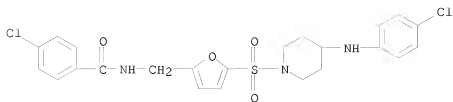
RN 848559-43-3 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(2-nitrophenyl)amino]-1-piperidinyl)sulfonyl]-2-furanyl)methyl]- (CA INDEX NAME)



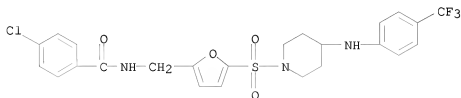
RN 848559-44-4 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(4-chlorophenyl)amino]-1-piperidinyl)sulfonyl]-2-furanyl)methyl]- (CA INDEX NAME)



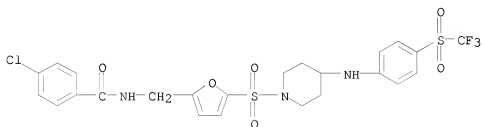
RN 848559-45-5 CAPLUS

CN Benzamide, 4-chloro-N-([5-([4-([4-(trifluoromethyl)phenyl]amino)-1-piperidinyl)sulfonyl]-2-furanyl)methyl]- (CA INDEX NAME)



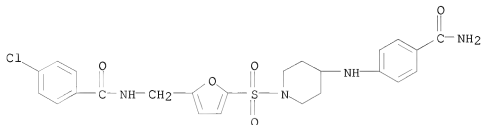
RN 848559-46-6 CAPLUS

CN Benzamide, 4-chloro-N-([5-([4-([4-[(trifluoromethyl)sulfonyl]phenyl]amino)-1-piperidinyl)sulfonyl]-2-furanyl)methyl]- (CA INDEX NAME)



RN 848559-47-7 CAPLUS

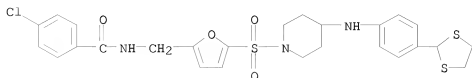
CN Benzamide, N-([5-([4-([4-(aminocarbonyl)phenyl]amino)-1-piperidinyl)sulfonyl]-2-furanyl)methyl]-4-chloro- (CA INDEX NAME)



RN 848559-48-8 CAPLUS

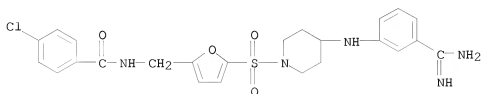
CN Benzamide, 4-chloro-N-([5-([4-([4-(1,3-dithiolan-2-yl)phenyl]amino)-1-

piperidinyl)sulfonyl]-2-furanyl)methyl]- (CA INDEX NAME)



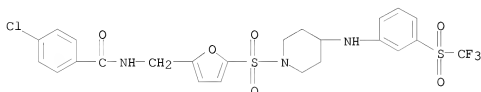
RN 848559-49-9 CAPLUS

CN Benamide, N-[[5-[[4-[[3-(aminoiminomethyl)phenyl]amino]-1-piperidinyl)sulfonyl]-2-furanyl)methyl]-4-chloro- (CA INDEX NAME)



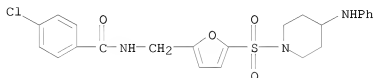
RN 848559-50-2 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[[3-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl)sulfonyl]-2-furanyl)methyl]- (CA INDEX NAME)



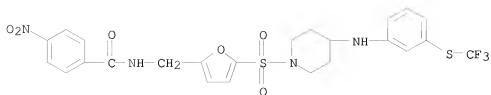
RN 848559-51-3 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-(phenylamino)-1-piperidinyl)sulfonyl]-2-furanyl)methyl]- (CA INDEX NAME)



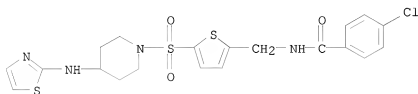
RN 848559-52-4 CAPLUS

CN Benamide, 4-nitro-N-[[5-[[4-[[3-[(trifluoromethyl)thio]phenyl]amino]-1-piperidinyl)sulfonyl]-2-furanyl)methyl]- (CA INDEX NAME)



RN 848559-55-7 CAPLUS

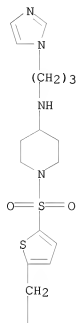
CN Benzamide, 4-chloro-N-[[5-[[4-(2-thiazolylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



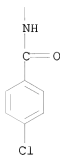
RN 848559-56-8 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[3-(1H-imidazol-1-yl)propyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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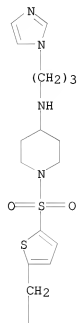


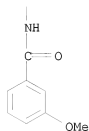
PAGE 2-A



RN 848559-57-9 CAPLUS
 CN Benzamide, N-[[5-[[4-[[3-(1H-imidazol-1-yl)propyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)

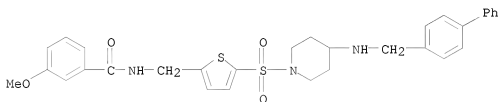
PAGE 1-A





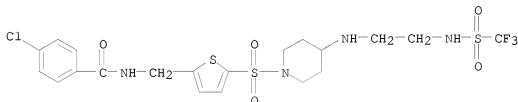
RN 848559-58-0 CAPLUS

CN Benzamide, N-[[5-[[4-[[1,1'-biphenyl]-4-ylmethyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



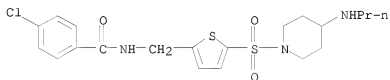
RN 848559-59-1 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[2-[[[trifluoromethyl]sulfonyl]amino]ethyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 848559-60-4 CAPLUS

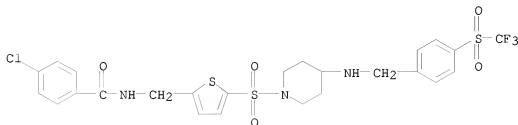
CN Benzamide, 4-chloro-N-[[5-[[4-(propylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 848559-61-5 CAPLUS

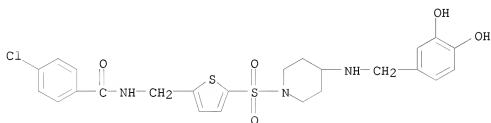
CN Benzamide, 4-chloro-N-[[5-[[4-[[[4-

[(trifluoromethyl)sulfonyl]phenyl)methyl]amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



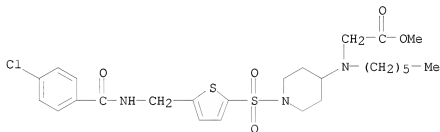
RN 848559-62-6 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(3,4-dihydroxyphenyl)methyl]amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



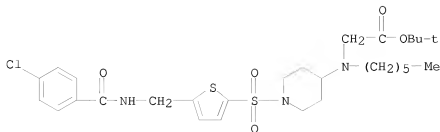
RN 848559-63-7 CAPLUS

CN Glycine, N-[1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-thienyl)sulfonyl]-4-piperidinyl]-N-hexyl-, methyl ester (CA INDEX NAME)



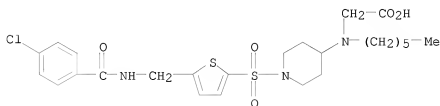
RN 848559-64-8 CAPLUS

CN Glycine, N-[1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-thienyl)sulfonyl]-4-piperidinyl]-N-hexyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



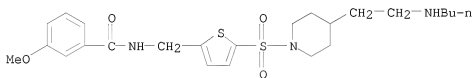
RN 848559-65-9 CAPLUS

CN Glycine, N-[1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-thienyl]sulfonyl]-4-piperidinyl]-N-hexyl- (CA INDEX NAME)



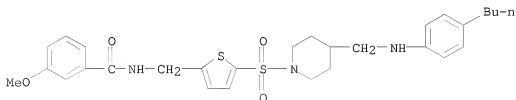
RN 848559-68-2 CAPLUS

CN Benamide, N-[[5-[[4-[2-(butylamino)ethyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 848559-69-3 CAPLUS

CN Benamide, N-[[5-[[4-[[4-(4-butoxyphenyl)amino]methyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)

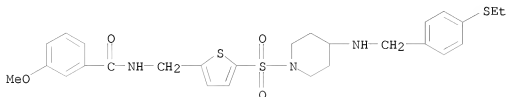


RN 848559-70-6 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[4-[methyl[[4-(trifluoromethyl)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

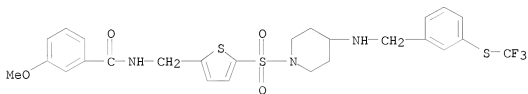
RN 848559-74-0 CAPLUS

CN Benzamide, N-[[5-[[4-[[4-(ethylthio)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



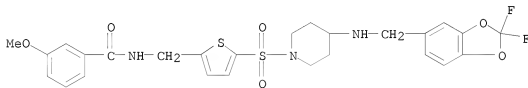
RN 848559-75-1 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[3-(trifluoromethyl)thio]phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



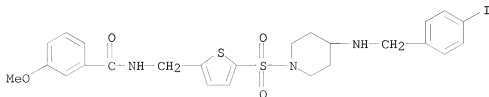
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CN Benzamide, N-[[5-[[4-[[[2,2-difluoro-1,3-benzodioxol-5-yl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 848559-77-3 CAPLUS

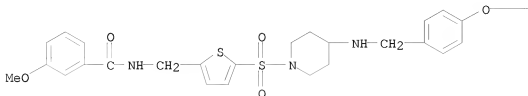
CN Benzamide, N-[[5-[[4-[[[4-iodophenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 848559-78-4 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[4-(phenylmethoxy)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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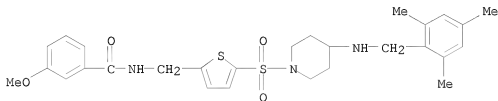


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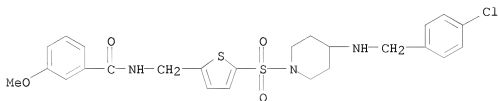
RN 848559-79-5 CAPLUS

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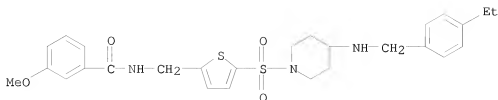
RN 848559-80-8 CAPLUS

CN Benzamide, N-[[5-[[4-[[4-chlorophenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 848559-81-9 CAPLUS

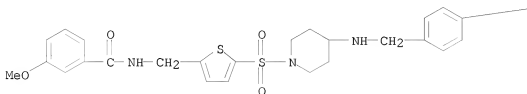
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RN 848559-82-0 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(4-pentylphenyl)methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)

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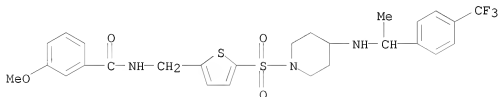


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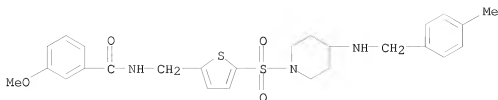
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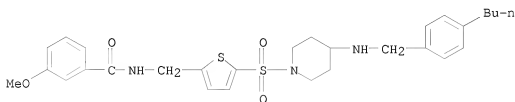
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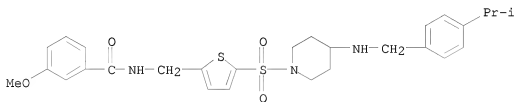
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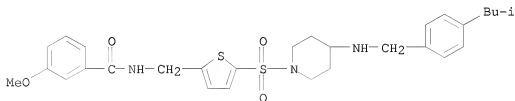
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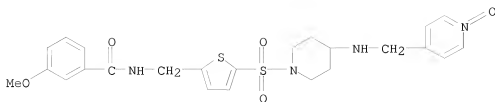
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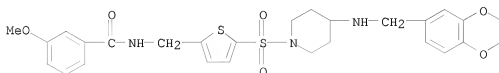
RN 848559-88-6 CAPLUS

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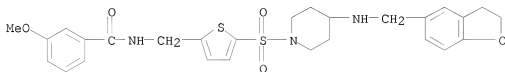
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CN Benamide, N-[[5-[[4-[(2,3-dihydro-1,4-benzodioxin-6-yl)methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)



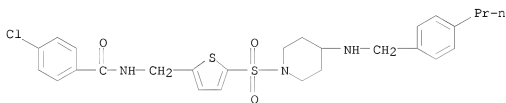
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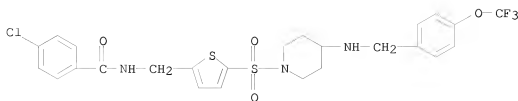
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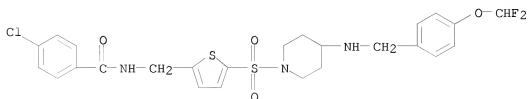
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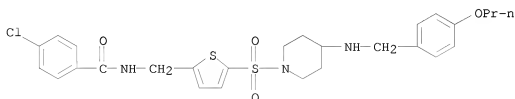
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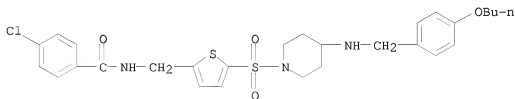
RN 848559-94-4 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[[4-(propoxy)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 848559-95-5 CAPLUS

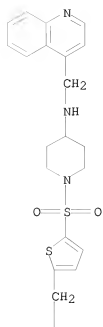
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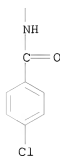
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CN Benzamide, 4-chloro-N-[[5-[[4-[(4-quinolinyl)methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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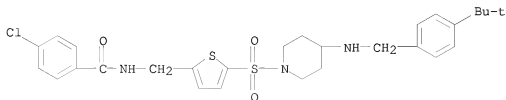


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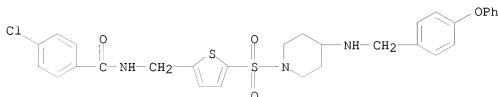
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CN Benzamide, 4-chloro-N-[[5-[[[4-[[[4-(1,1-dimethylethyl)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



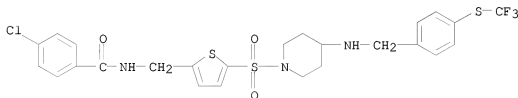
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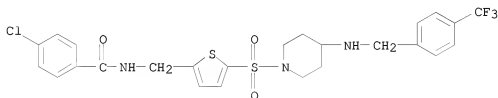
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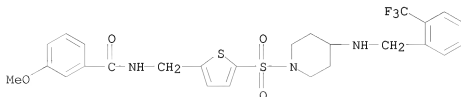
RN 848560-00-9 CAPLUS

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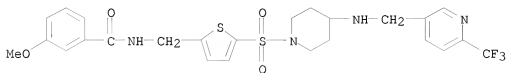
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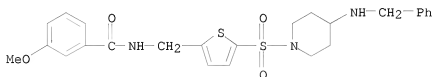
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CN Benzamide, 3-methoxy-N-[[5-[[4-[[[6-(trifluoromethyl)-3-pyridinyl)methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



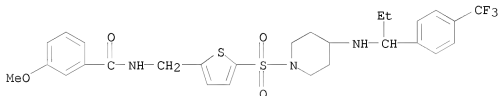
RN 848560-03-2 CAPLUS

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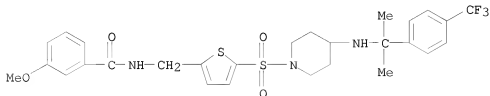
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CN Benzamide, 3-methoxy-N-[[5-[[4-[[1-[4-(trifluoromethyl)phenyl]propyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 848560-05-4 CAPLUS

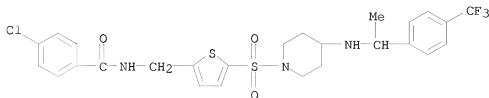
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RN 848560-06-5 CAPLUS

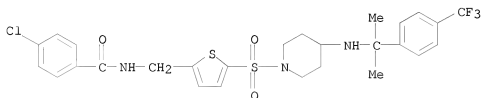
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1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



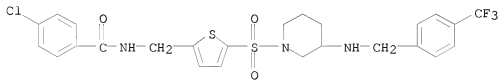
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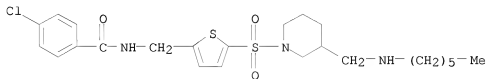
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CN Benzamide, 4-chloro-N-[[5-[[3-[[4-(trifluoromethyl)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



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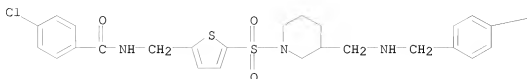
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RN 848560-14-5 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[3-[[[4-(trifluoromethyl)phenyl]methyl]amino]methyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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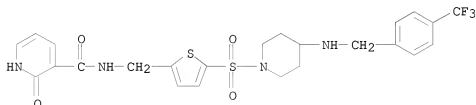


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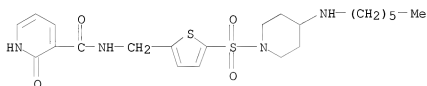
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CN 3-Pyridinecarboxamide, 1,2-dihydro-2-oxo-N-[[5-[[4-[[4-(trifluoromethyl)phenyl]methyl]amino]-1-piperidiny]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



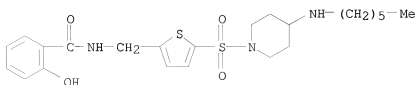
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CN 3-Pyridinecarboxamide, N-[[5-[[4-(hexylamino)-1-piperidiny]sulfonyl]-2-thienyl]methyl]-1,2-dihydro-2-oxo- (CA INDEX NAME)



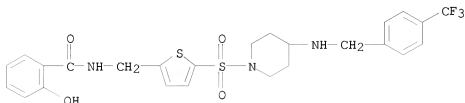
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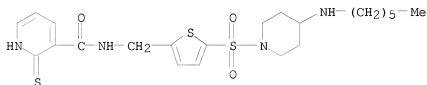
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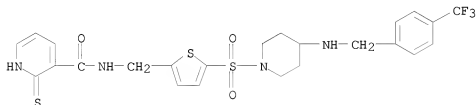
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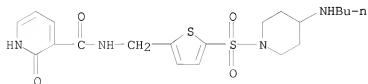
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CN 3-Pyridinecarboxamide, 1,2-dihydro-2-thioxo-N-[[5-[[[4-(trifluoromethyl)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienylmethyl]- (CA INDEX NAME)



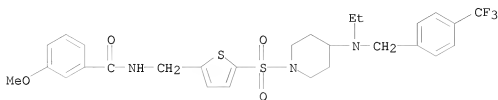
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CN 3-Pyridinecarboxamide, N-[[5-[[4-(butylamino)-1-piperidinyl]sulfonyl]-2-thienylmethyl]-1,2-dihydro-2-oxo- (CA INDEX NAME)



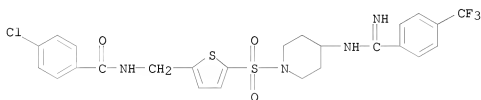
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CN Benzamide, N-[[5-[[4-[ethyl[[4-(trifluoromethyl)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



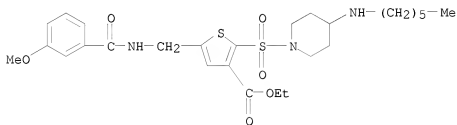
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CN Benzamide, 4-chloro-N-[[5-[[4-[[imino[4-(trifluoromethyl)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



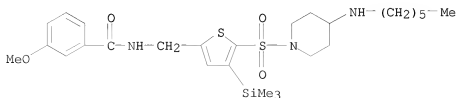
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CN 3-Thiophenecarboxylic acid, 2-[[4-(hexylamino)-1-piperidinyl]sulfonyl]-5-[[3-methoxybenzoyl]amino]methyl]-, ethyl ester (CA INDEX NAME)



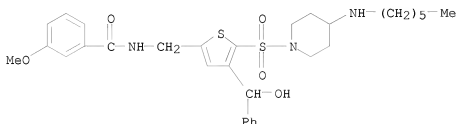
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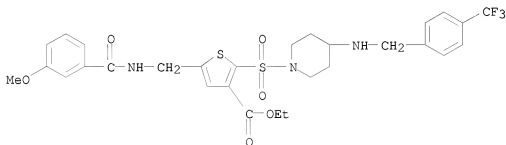
RN 848560-27-0 CAPLUS

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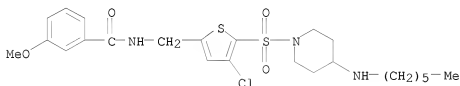
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CN 3-Thiophenecarboxylic acid, 5-[[[(3-methoxybenzoyl)amino]methyl]-2-[[4-[[4-(trifluoromethyl)phenyl]methyl]amino]-1-piperidiny]sulfonyl]-, ethyl ester (CA INDEX NAME)



RN 848560-29-2 CAPLUS

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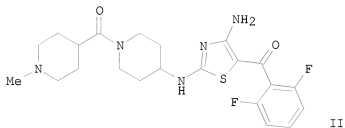
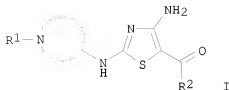


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REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2004:718536 CAPLUS
 DOCUMENT NUMBER: 141:243546
 TITLE: Preparation of N-heterocyclyl-substituted
 amino-thiazole derivatives as protein kinase
 inhibitors
 INVENTOR(S): Alegria, Larry Andrew; Chong, Wesley Kwan Mung; Chu,
 Shaosong; Duvadie, Rohit Kumar; Li, Lin; Romines,
 William Henry, III; Yang, Yi
 PATENT ASSIGNEE(S): Pfizer Inc., USA
 SOURCE: PCT Int. Appl., 307 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074283	A1	20040902	WO 2004-IB433	20040209
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2516234	A1	20040902	CA 2004-2516234	20040209
EP 1597256	A1	20051123	EP 2004-709302	20040209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2004007618	A	20060221	BR 2004-7618	20040209
JP 2006518368	T	20060810	JP 2006-502453	20040209
US 20050101595	A1	20050512	US 2004-783887	20040220
MX 2005008878	A	20051005	MX 2005-8878	20050819
PRIORITY APPLN. INFO.:			US 2003-448843P	P 20030221
			WO 2004-IB433	W 20040209
OTHER SOURCE(S):	MARPAT 141:243546			
GI				



AB The title aminothiazole compds. with N-containing cycloalkyl at the 2-amino position [I; N-containing heterocyclyl = (un)substituted N-containing 3-10 membered heterocyclyl; R1 = H, alkyl, alkenyl, alkoxy, etc.; R2 = (un)substituted alkyl, cycloalkyl, alkoxy, aryl, 4-10 membered heterocyclyl] and their pharmaceutically acceptable prodrugs or salts which modulate and/or inhibit the cell proliferation and activity of protein kinases, were prepared Thus, reacting [4-amino-2-(piperidin-4-ylamino)thiazol-5-yl](2,6-difluorophenyl)methanone (preparation given) with 1-methylpiperidine-4-carboxylic acid afforded 65% II which showed Ki of 0.46 μ M against CDK2, Ki of 0.13 μ M against CDK4, and IC50 of >5 μ M in HCT-116 assay for cell growth inhibition. Biol. data were given for over 1100 compds. I. The pharmaceutical compns. comprising the compound I are claimed.

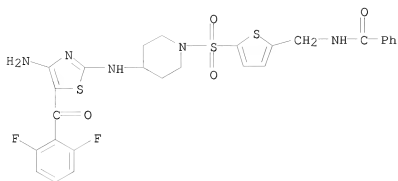
IT 750577-40-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-heterocyclyl-substituted amino-thiazole derivs. as protein kinase inhibitors)

RN 750577-40-3 CAPLUS

CN Benzamide, N-[[5-[[4-[[4-amino-5-(2,6-difluorobenzoyl)-2-thiazolyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



OS.CITING REF COUNT:	5	THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

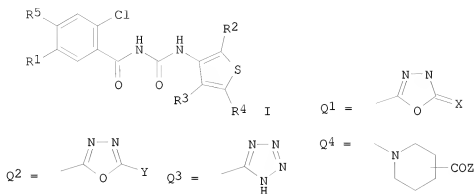
L18 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2010 ACS ON STN
 ACCESSION NUMBER: 2004:696365 CAPLUS
 DOCUMENT NUMBER: 141:225301
 TITLE: Preparation of 3-(benzoylureido)thiophenes as glycogen phosphorylase inhibitors.
 INVENTOR(S): Schoenafinger, Karl; Defossa, Elisabeth; Von Roedern, Erich; Kadereit, Dieter; Herling, Andreas; Burger, Hans-joerg; Klabunde, Thomas; Wendt, Karl-ulrich
 PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany
 SOURCE: PCT Int. Appl., 38 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004072060	A1	20040826	WO 2004-EP993	20040204
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10306502	A1	20040909	DE 2003-10306502	20030217
DE 10306502	B4	20050317		
AU 2004212054	A1	20040826	AU 2004-212054	20040204
CA 2516269	A1	20040826	CA 2004-2516269	20040204
EP 1597247	A1	20051123	EP 2004-707896	20040204
EP 1597247	B1	20080723		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2004007552	A	20060214	BR 2004-7552	20040204
CN 1751036	A	20060322	CN 2004-80004400	20040204
JP 2006517933	T	20060803	JP 2006-501724	20040204
AT 402160	T	20080815	AT 2004-707896	20040204
US 20040198742	A1	20041007	US 2004-780344	20040217
US 7196114	B2	20070327		
ZA 2005005487	A	20060830	ZA 2005-5487	20050707
MX 2005008331	A	20050930	MX 2005-8331	20050805
IN 2005CN01906	A	20070302	IN 2005-CN1906	20050811
NO 2005004168	A	20051111	NO 2005-4168	20050907
PRIORITY APPLN. INFO.:			DE 2003-10306502	A 20030217
			US 2003-487502P	P 20030715
			WO 2004-EP993	A 20040204

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 141:225301

GI



AB Title compds. [I; R¹ = H, F, Cl, Br; R² = R¹, alkyl, CF₃, OCF₃, NO₂, cyano, alkoxy, alkylcarbonyl, CO₂H, CONH₂, alkylsulfonyl A, etc.; R³ = H, alkyl, alkylsulfonyl, (substituted) alkylphenyl, Ph, phenylsulfonyl, etc.; R⁴ = H, alkyl, alkoxycarbonyl alkylsulfonyl, (substituted) alkylphenyl, piperidinylsulfonyl, piperazinylsulfonyl; R⁵ = F, Cl, Br; A = Q¹-Q⁴; X = O, NH; Y = OH, NH₂; Z = OH, alkoxy, NH₂, alkylamino, dialkylamino], were prepared. Thus, 5-(3-aminothiophen-2-yl)-3H-[1,3,4]-oxadiazol-2-one hydrochloride (preparation given) and 2-chloro-4,5-difluorobenzoyl isocyanate were stirred 3 h in MeCN to give 1-(2-chloro-4,5-difluorobenzoyl)-3-[2-(5-oxo-4,5-dihydro-[1,3,4]-oxadiazol-2-yl)thiophen-3-yl]urea. This inhibited glycogen phosphorylase a with IC₅₀ = 0.03 μM.

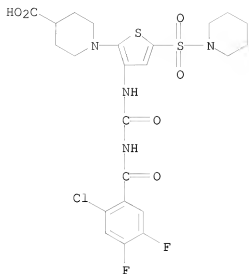
IT 745835-24-9P 745835-33-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 3-(benzoylureido)thiophenes as glycogen phosphorylase inhibitors)

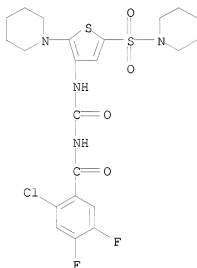
RN 745835-24-9 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[3-[[[(2-chloro-4,5-difluorobenzoyl)amino]carbonyl]amino]-5-(1-piperidinylsulfonyl)-2-thienyl]- (CA INDEX NAME)



RN 745835-33-0 CAPLUS

CN Benzamide, 2-chloro-4,5-difluoro-N-[[[2-(1-piperidinyl)-5-(1-piperidinylsulfonyl)-3-thienyl]amino]carbonyl]- (CA INDEX NAME)



OS.CITING REF COUNT:	3	THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2010 ACS ON STN

ACCESSION NUMBER: 2004:182862 CAPLUS

DOCUMENT NUMBER: 140:217665

TITLE: Preparation of piperidinylphthalazinone derivatives as PDE4 inhibitors

INVENTOR(S): Hatzelmann, Armin; Barsig, Johannes; Marx, Degenhard; Kley, Hans-Peter; Christiaans, Johannes A. M.; Menge, Wiro M. P. B.; Sterk, Geert Jan; Weinbrenner, Steffen

PATENT ASSIGNEE(S): Altana Pharma A.-G., Germany

SOURCE: PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004018449	A1	20040304	WO 2003-EP8673	20030806
W: AE, AL, AU, BA, BR, CA, CN, CO, DZ, EC, GE, HR, ID, IL, IN, IS, JP, KR, LT, LV, MA, MK, MX, NO, NZ, PH, PL, SG, TN, UA, US, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
AU 2003255376	A1	20040311	AU 2003-255376	20030806
PRIORITY APPLN. INFO.:			EP 2002-17979	A 20020810
			WO 2003-EP8673	W 20030806
OTHER SOURCE(S):		MARPAT 140:217665		
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

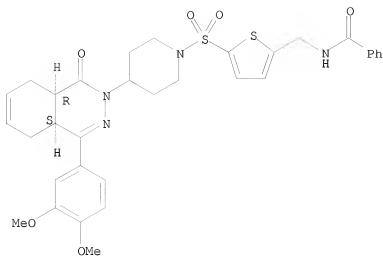
AB The title compound I [R1, R2 = H or together form an addnl. bond; R3 = benzene derivative Q1 or Q2; R4 = (substituted)arylsulfonyl; R5 = alkoxy or polyfluoroalkoxy; R6, R7 = (cyclo)alkoxy, cycloalkylmethoxy, or polyfluoroalkoxy; R8 = alkyl; R9 = H or alkyl; or R7 and R8 together with the 2 intervening C atoms form a spiro-linked 5-, 6- or 7-membered hydrocarbon ring, optionally interrupted by O or S] were prepared as PDE4 inhibitors. Thus, reaction of (4aS,8aR)-4-(3,4-dimethoxyphenyl)-2-piperidin-4-yl-4a,5,8,8a-tetrahydro-2H-phthalazin-1-one hydrochloride (preparation given) with naphthalene-1-sulfonyl chloride gave compound II. The prepared compds. inhibited PDE4 with $-\log(\text{IC}_{50}) \geq 8.8$.

IT 666737-18-4P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of piperidinylphthalazinone derivs. as PDE4 inhibitors)

RN 666737-18-4 CAPLUS

CN Benzamide, N-[[5-[[4-[(4aS,8aR)-4-(3,4-dimethoxyphenyl)-4a,5,8,8a-tetrahydro-1-oxo-2(1H)-phthalazinyl]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT:	4	THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
REFERENCE COUNT:	13	THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

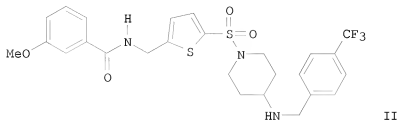
ACCESSION NUMBER: 2002:253021 CAPLUS
 DOCUMENT NUMBER: 136:279348
 TITLE: Preparation of pharmaceutically active sulfonamides bearing both lipophilic and ionizable moieties as inhibitors of protein Jun kinases
 INVENTOR(S): Halazy, Serge; Church, Dennis; Camps, Montserrat; Rueckle, Thomas; Gotteland, Jean Pierre; Biamonte, Marco; Arkinstall, Stephen
 PATENT ASSIGNEE(S): Applied Research Systems ARS Holding N.V., Neth. Antilles
 SOURCE: Eur. Pat. Appl., 44 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1193268	A1	20020403	EP 2000-810887	20000927
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CA 2421209	A1	20020404	CA 2001-2421209	20010927
WO 2002026733	A2	20020404	WO 2001-IB1772	20010927
WO 2002026733	A3	20020801		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001087991	A	20020408	AU 2001-87991	20010927
BR 2001014223	A	20030701	BR 2001-14223	20010927
EP 1322642	A2	20030702	EP 2001-967622	20010927
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HU 2003002980	A2	20031229	HU 2003-2980	20010927
HU 2003002980	A3	20070928		
ZA 2003001746	A	20040303	ZA 2003-1746	20010927
JP 2004509957	T	20040402	JP 2002-531117	20010927
NZ 524542	A	20040924	NZ 2001-524542	20010927
CN 1568322	A	20050119	CN 2001-819141	20010927
CN 1288150	C	20061206		
EE 200300119	A	20050415	EE 2003-119	20010927
AU 2001287991	B2	20061207	AU 2001-287991	20010927
IN 2003DN00301	A	20090327	IN 2003-DN301	20030305
BG 107633	A	20031128	BG 2003-107633	20030313
MX 2003002568	A	20031006	MX 2003-2568	20030325
NO 2003001375	A	20030326	NO 2003-1375	20030326
US 20040077854	A1	20040422	US 2003-381665	20031010
US 7544700	B2	20090609		
HK 1072768	A1	20070323	HK 2005-103676	20050429
PRIORITY APPLN. INFO.:			EP 2000-810887	A 20000927

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 136:279348

GI



AB The title compds. Ar1C(X)NR1(CH2)nAr2SO2Y [I; Ar1, Ar2 = (un)substituted aryl, heteroaryl; X = O, S, preferably O; R1 = H, alkyl, or R1 forms (un)substituted 5-6 membered (un)saturated ring with Ar1; n = 0-5, preferably between 1-3 and most preferred 1; Y = (un)substituted 4-12 membered saturated cyclic or bicyclic alkyl which is substituted with at least one ionizable moiety to which a lipophilic chain is attached and which is containing at least one N atom, whereby one N atom within said ring is forming a bond with the sulfonyl group thus providing a sulfonamide] which are efficient modulators of the JNK pathway, in particular efficient and selective inhibitors of JNK 2 and 3, were prepared and formulated. E.g., a multi-step synthesis of II which showed IC50 of 0.04 μ M against JNK3, was given.

IT

406677-03-4P	406677-95-0P	406677-96-1P
406677-98-3P	406677-99-4P	406678-00-0P
406678-01-1P	406678-02-2P	406678-03-3P
406678-04-4P	406678-05-5P	406678-06-6P
406678-07-7P	406678-08-8P	406678-09-9P
406678-10-2P	406678-11-3P	406678-12-4P
406678-13-5P	406678-14-6P	406678-15-7P
406678-16-8P	406678-17-9P	406678-18-0P
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406678-23-7P	406678-24-8P	406678-25-9P
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406678-29-3P	406678-30-6P	406678-31-7P
406678-32-8P	406678-33-9P	406678-34-0P
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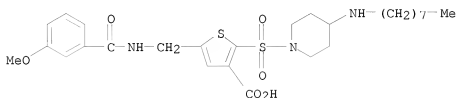
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(preparation of pharmaceutically active sulfonamides bearing both lipophilic and ionizable moieties as inhibitors of protein Jun kinases)

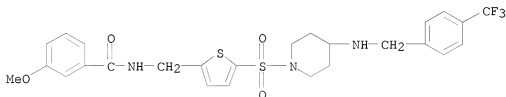
RN 406487-03-4 CAPLUS

CN 3-Thiophenecarboxylic acid, 5-[[[(3-methoxybenzoyl)amino]methyl]-2-[[4-(octylamino)-1-piperidinyl]sulfonyl]- (CA INDEX NAME)



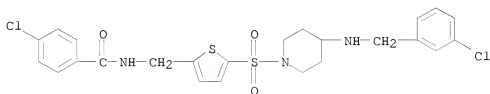
RN 406677-95-0 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[[4-[[[4-(trifluoromethyl)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



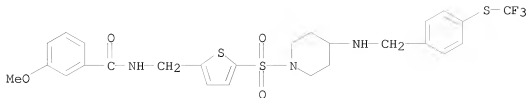
RN 406677-96-1 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[[4-[[[4-(3-chlorophenyl)methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



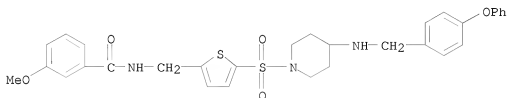
RN 406677-98-3 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[[4-[[[4-[(trifluoromethyl)thio]phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



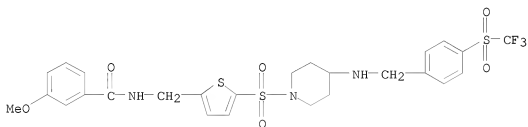
RN 406677-99-4 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(4-phenoxymethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



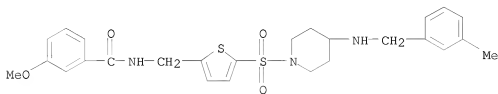
RN 406678-00-0 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[4-(trifluoromethylsulfonyl)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-01-1 CAPLUS

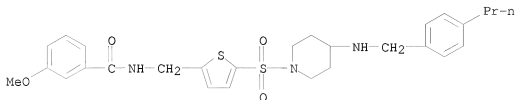
CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-methylphenyl)methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-02-2 CAPLUS

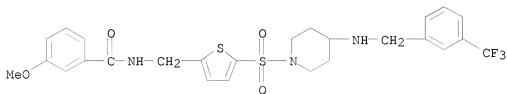
CN Benzamide, 3-methoxy-N-[[5-[[4-[(4-propylphenyl)methyl]amino]-1-

piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



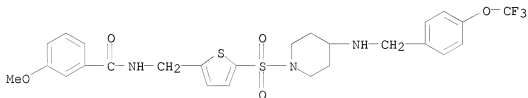
RN 406678-03-3 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[3-(trifluoromethyl)phenyl]methyl]amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



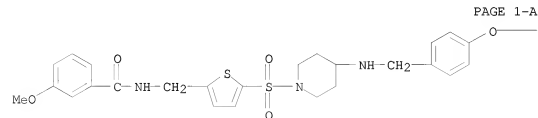
RN 406678-04-4 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[4-(trifluoromethoxy)phenyl]methyl]amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



RN 406678-05-5 CAPLUS

CN Benzamide, N-[[5-[[4-[[[4-(difluoromethoxy)phenyl]methyl]amino]-1-piperidinyl)sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)

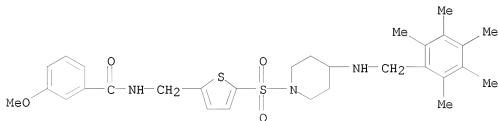


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— CHF₂

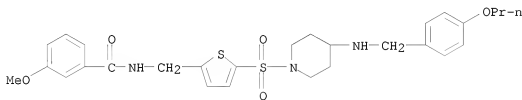
RN 406678-06-6 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[[(2,3,4,5,6-pentamethylphenyl)methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-
(CA INDEX NAME)



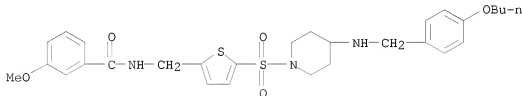
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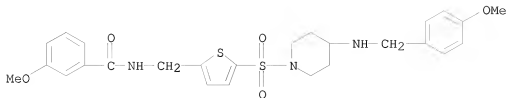
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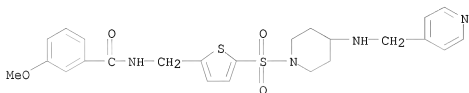
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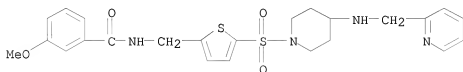
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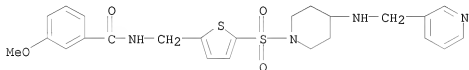
RN 406678-11-3 CAPLUS

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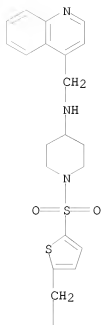
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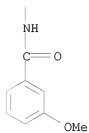
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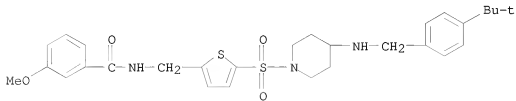


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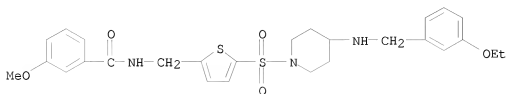
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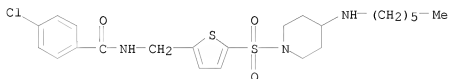
RN 406678-15-7 CAPLUS

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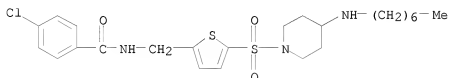
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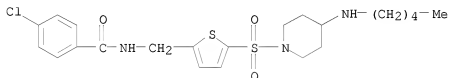
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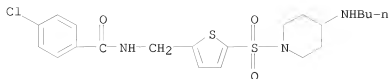
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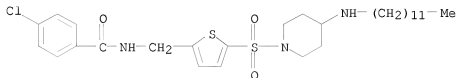
RN 406678-19-1 CAPLUS

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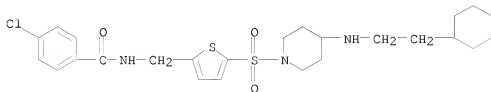
RN 406678-20-4 CAPLUS

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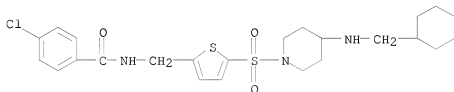
RN 406678-22-6 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-((2-cyclohexylethyl)amino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-23-7 CAPLUS

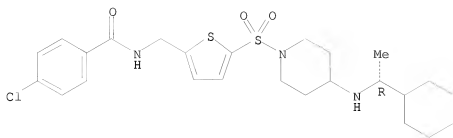
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RN 406678-24-8 CAPLUS

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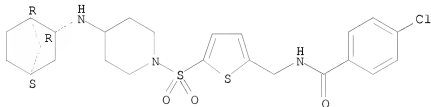
Absolute stereochemistry.



RN 406678-25-9 CAPLUS

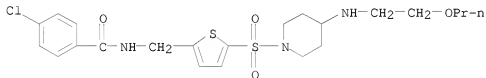
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Absolute stereochemistry.



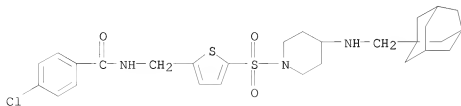
RN 406678-26-0 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(2-propoxyethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



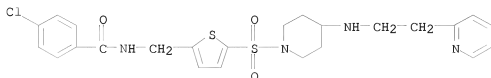
RN 406678-27-1 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-[(tricyclo[3.3.1.1.3,7]dec-1-ylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



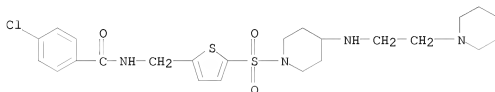
RN 406678-28-2 CAPLUS

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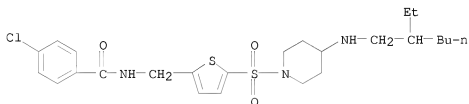
RN 406678-29-3 CAPLUS

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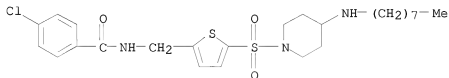
RN 406678-30-6 CAPLUS

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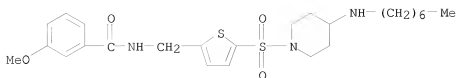
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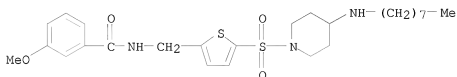
RN 406678-32-8 CAPLUS

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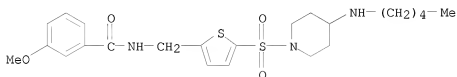
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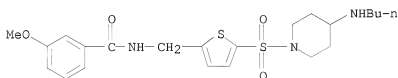
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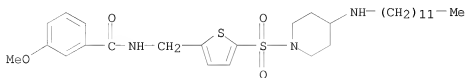
RN 406678-35-1 CAPLUS

CN Benamide, N-[[5-[[4-(butylamino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



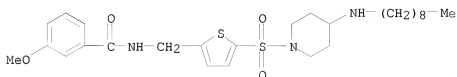
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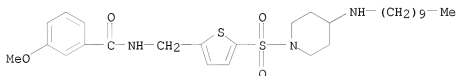
RN 406678-37-3 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-(nonylamino)-1-piperidiny]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



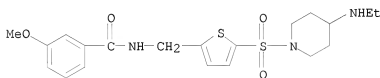
RN 406678-38-4 CAPLUS

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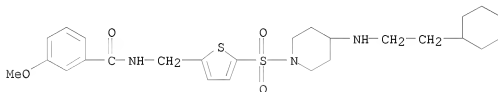
RN 406678-39-5 CAPLUS

CN Benzamide, N-[[5-[[4-(ethylamino)-1-piperidiny]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-40-8 CAPLUS

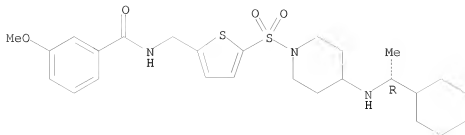
CN Benzamide, N-[[5-[[4-[(2-cyclohexylethyl)amino]-1-piperidiny]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-41-9 CAPLUS

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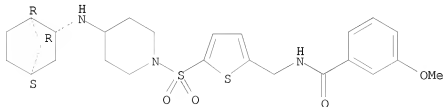
Absolute stereochemistry.



RN 406678-42-0 CAPLUS

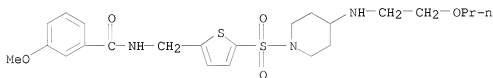
CN Benzamide, N-[[5-[[4-[(1R,2R,4S)-bicyclo[2.2.1]hept-2-ylamino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)

Absolute stereochemistry.



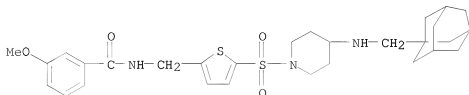
RN 406678-43-1 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(2-propoxyethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-44-2 CAPLUS

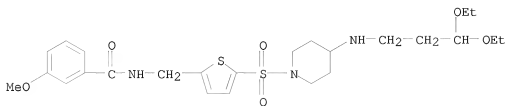
CN Benzamide, 3-methoxy-N-[[5-[[4-[(tricyclo[3.3.1.1.3,7]dec-1-ylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-45-3 CAPLUS

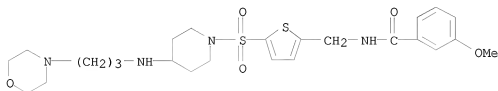
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thienyl)methyl]-3-methoxy- (CA INDEX NAME)



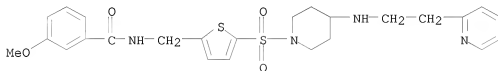
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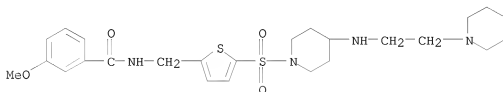
RN 406678-47-5 CAPLUS

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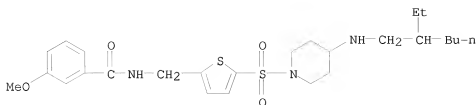
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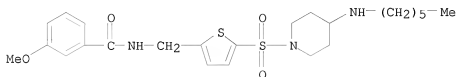
RN 406678-49-7 CAPLUS

CN Benzamide, N-[[5-[[4-[[2-(ethylhexyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-50-0 CAPLUS

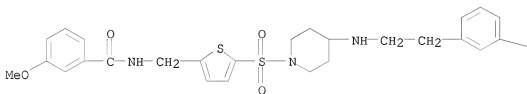
CN Benzamide, N-[[5-[[4-(hexylamino)-1-piperidiny]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-51-1 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[2-[3-(trifluoromethyl)phenyl]ethyl]amino]-1-piperidiny]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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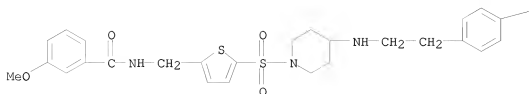
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RN 406678-52-2 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[[2-(4-methylphenyl)ethyl]amino]-1-piperidiny]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

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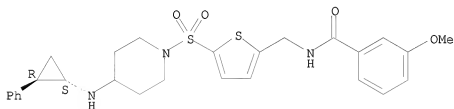
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RN 406678-53-3 CAPLUS

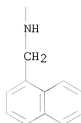
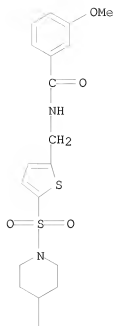
CN Benzamide, 3-methoxy-N-[[5-[[4-[[[(1S,2R)-2-phenylcyclopropyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.



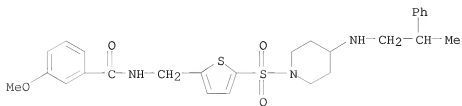
RN 406678-55-5 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(1-naphthalenylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-57-7 CAPLUS

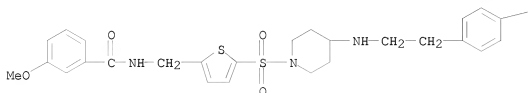
CN Benzamide, 3-methoxy-N-[[5-[[4-[(2-phenylpropyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406678-58-8 CAPLUS

CN Benzamide, N-[[5-[[4-[[2-(4-hydroxyphenyl)ethyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)

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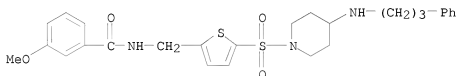


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—OH

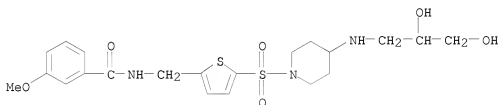
RN 406678-59-9 CAPLUS

CN Benzamide, 3-methoxy-N-[[5-[[4-[(3-phenylpropyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



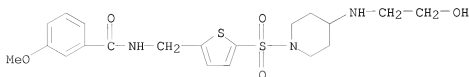
RN 406678-60-2 CAPLUS

CN Benzamide, N-[[5-[[4-[(2,3-dihydroxypropyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-61-3 CAPLUS

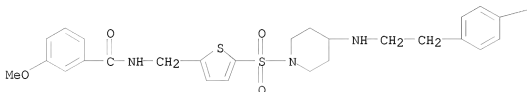
CN Benzamide, N-[[5-[[4-[(2-hydroxyethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



RN 406678-62-4 CAPLUS

CN Benzamide, N-[[5-[[4-[(2-[1,1'-biphenyl]-4-ylethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)

PAGE 1-A

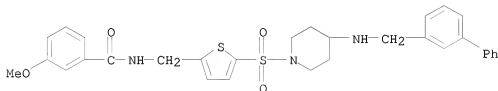


PAGE 1-B

— Ph

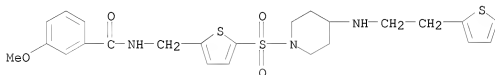
RN 406678-63-5 CAPLUS

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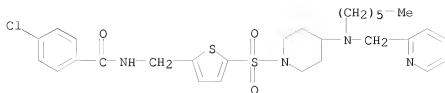
RN 406678-64-6 CAPLUS

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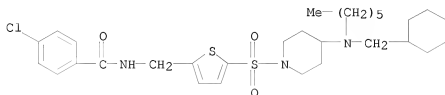
RN 406678-92-0 CAPLUS

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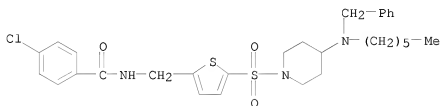
RN 406678-93-1 CAPLUS

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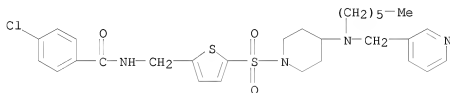
RN 406678-94-2 CAPLUS

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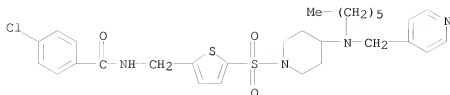
RN 406678-95-3 CAPLUS

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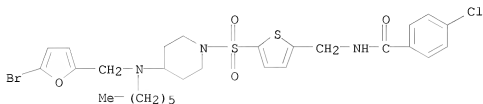
RN 406678-96-4 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-[hexyl(4-pyridinylmethyl)amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



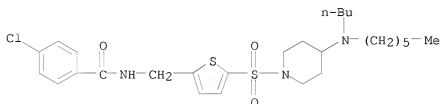
RN 406678-97-5 CAPLUS

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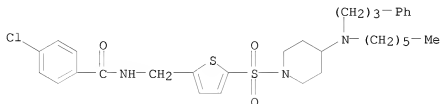
RN 406678-98-6 CAPLUS

CN Benamide, N-[[5-[[4-(4-bromophenyl)hexylamino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-4-chloro- (CA INDEX NAME)



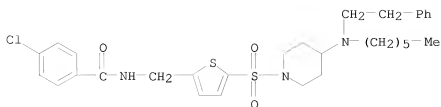
RN 406678-99-7 CAPLUS

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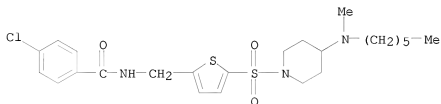
RN 406679-00-3 CAPLUS

CN Benamide, 4-chloro-N-[[5-[[4-(hexyl(2-phenylethyl)amino)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



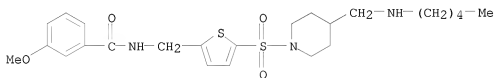
RN 406679-01-4 CAPLUS

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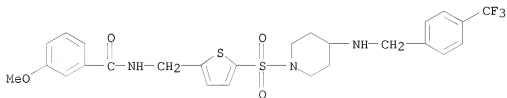
RN 406679-30-9 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[4-(pentylamino)methyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 406679-44-5 CAPLUS

CN Benamide, 3-methoxy-N-[[5-[[4-[[4-(trifluoromethyl)phenyl]methyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

IT 406486-99-5P 406679-36-5P 406679-37-6P

406679-38-7P 406679-39-8P 406679-43-4P

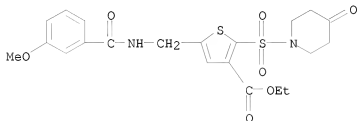
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)

(preparation of pharmaceutically active sulfonamides bearing both lipophilic and ionizable moieties as inhibitors of protein Jun kinases)

RN 406486-99-5 CAPLUS

CN 3-Thiophenecarboxylic acid, 5-[[[(3-methoxybenzoyl)amino]methyl]-2-[(4-oxo-1-piperidiny]sulfonyl]-, ethyl ester (CA INDEX NAME)



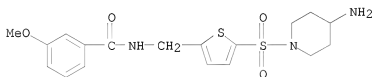
RN 406679-36-5 CAPLUS

CN Benamide, N-[[5-[(4-amino-1-piperidiny]sulfonyl]-2-thienyl]methyl]-3-methoxy-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 406679-35-4

CMF C18 H23 N3 O4 S2



CM 2

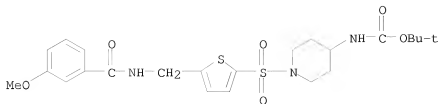
CRN 76-05-1

CMF C2 H F3 O2



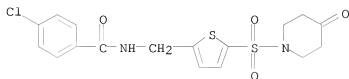
RN 406679-37-6 CAPLUS

CN Carbamic acid, [1-[[5-[[[(3-methoxybenzoyl)amino]methyl]-2-thienyl]sulfonyl]-4-piperidiny]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



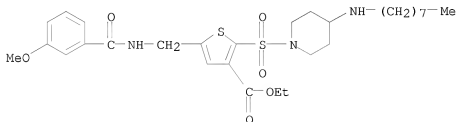
RN 406679-38-7 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[(4-oxo-1-piperidinyl)sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



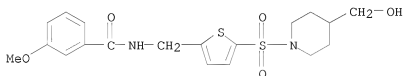
RN 406679-39-8 CAPLUS

CN 3-Thiophenecarboxylic acid, 5-[[[(3-methoxybenzoyl)amino]methyl]-2-[[4-(octylamino)-1-piperidinyl]sulfonyl]-, ethyl ester (CA INDEX NAME)



RN 406679-43-4 CAPLUS

CN Benzamide, N-[[5-[[4-[(hydroxymethyl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)

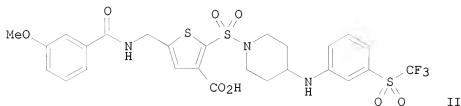
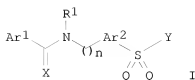


OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

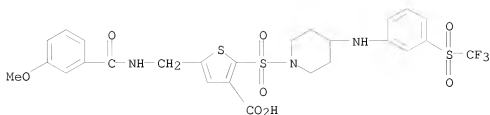
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2002:253020 CAPLUS
 DOCUMENT NUMBER: 136:279347
 TITLE: Preparation of hydrophilic sulfonamide derivatives as
 inhibitors of protein jun kinases
 INVENTOR(S): Halazy, Serge; Church, Dennis; Camps, Montserrat;
 Rueckle, Thomas; Gotteland, Jean Pierre; Biamonte,
 Marco; Arkinstall, Stephen
 PATENT ASSIGNEE(S): Applied Research Systems ARS Holding N.V., Neth.
 Antilles
 SOURCE: Eur. Pat. Appl., 27 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1193267	A1	20020403	EP 2000-810886	20000927
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CA 2421417	A1	20020411	CA 2001-2421417	20010927
WO 2002028856	A1	20020411	WO 2001-IB1771	20010927
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001087990	A	20020415	AU 2001-87990	20010927
EP 1322641	A1	20030702	EP 2001-967621	20010927
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004510772	T	20040408	JP 2002-532439	20010927
AU 2001287990	B2	20060413	AU 2001-287990	20010927
US 20040077632	A1	20040422	US 2003-381200	20030910
PRIORITY APPLN. INFO.:			EP 2000-810886	A 20000927
			WO 2001-IB1771	W 20010927
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT				
OTHER SOURCE(S): MARPAT 136:279347				
GI				



- AB Title compds. I [Ar1= (un)substituted (hetero)aryl; Ar2 = (hetero)aryl group substituted with at least one hydrophilic substituent; X = O, S, preferably O; R1 = H, alkyl, or forms a 5-6-membered ring with Ar1; n = 0-5; Y = (un)substituted 4-12-membered saturated cyclic or bicyclic alkyl containing at least one nitrogen atom, whereby one nitrogen atom within said ring is forming a bond with the sulfonyl group] were prepared. For instance, 5-((Diallylamino)methyl)thiophene-2-sulfonyl chloride (preparation given) was treated with 1,4-dioxo-8-azaspiro[4.5]decane to give the corresponding sulfonamide and subsequently converted to the 3-carboethoxy-thiophene derivative (THF, -78°C → -100°C, t-BuLi, EtO2CCl). Deallylation, acylation with 3-methoxybenzoyl chloride, ketal hydrolysis, reductive amination with 3-(trifluoromethylsulfonyl)aniline and saponification provided II in 8 steps in overall yield of 2.5%. I are efficient modulators of the JNK pathway, they are in particular efficient and selective inhibitors of JNK 2 and 3. II had IC50 = 0.01 μM for protein jun kinase 3 (JNK3). I are useful for the treatment of, e.g., neuronal disorders including epilepsy, Alzheimer's disease, Huntington's disease, Parkinson's disease, retinal diseases, spinal cord injury, etc.
- IT 406486-95-1P, 5-[[[3-Methoxybenzoyl]amino]methyl]-2-[[4-[3-[[trifluoromethyl]sulfonyl]anilino]piperidin-1-yl]sulfonyl]thiophene-3-carboxylic acid
- RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(drug; pharmaceutically active hydrophilic sulfonamide derivs. as inhibitors of protein jun kinases)
- RN 406486-95-1 CAPLUS
- CN 3-Thiophenecarboxylic acid, 5-[[[3-methoxybenzoyl]amino]methyl]-2-[[4-[3-[[trifluoromethyl]sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]- (CA INDEX NAME)



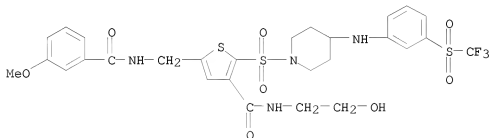
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug; pharmaceutically active hydrophilic sulfonamide derivs. as inhibitors of protein jun kinases)

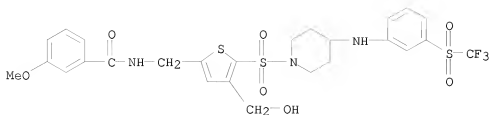
RN 406487-01-2 CAPLUS

CN 3-Thiophenecarboxamide, N-(2-hydroxyethyl)-5-[[[3-methoxybenzoyl]amino]methyl]-2-[[[4-[3-[[[trifluoromethyl]sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]- (CA INDEX NAME)



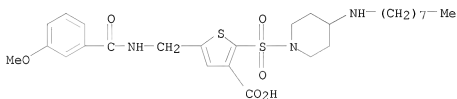
RN 406487-02-3 CAPLUS

CN Benzamide, N-[4-(hydroxymethyl)-5-[[[4-[3-[[[trifluoromethyl]sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]-3-methoxy- (CA INDEX NAME)



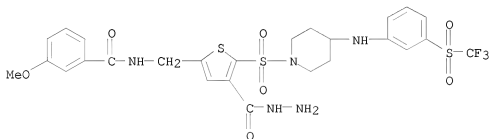
RN 406487-03-4 CAPLUS

CN 3-Thiophenecarboxylic acid, 5-[[[3-methoxybenzoyl]amino]methyl]-2-[[4-(octylamino)-1-piperidinyl]sulfonyl]- (CA INDEX NAME)



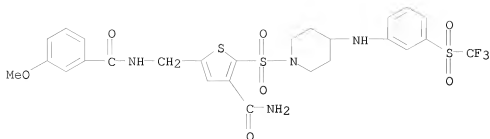
RN 406487-04-5 CAPLUS

CN 3-Thiophenecarboxamide, 5-[[[3-methoxybenzoyl]amino]methyl]-2-[[4-[[3-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-, hydrazide (CA INDEX NAME)



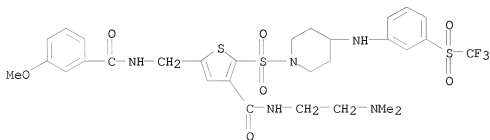
RN 406487-05-6 CAPLUS

CN 3-Thiophenecarboxamide, 5-[[[3-methoxybenzoyl]amino]methyl]-2-[[4-[[3-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]- (CA INDEX NAME)



RN 406487-06-7 CAPLUS

CN 3-Thiophenecarboxamide, N-[2-((dimethylamino)ethyl)-5-[[3-methoxybenzoyl]amino]methyl]-2-[[4-[[3-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]- (CA INDEX NAME)



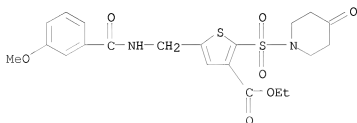
IT 406486-99-5P, Ethyl 5-[[[3-methoxybenzoyl]amino]methyl]-2-[[4-oxopiperidin-1-yl]sulfonyl]thiophene-3-carboxylate 406487-00-1P

, Ethyl 5-[[[3-methoxybenzoyl]amino]methyl]-2-[[4-[[3-[(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl]sulfonyl]thiophene-3-carboxylate

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; pharmaceutically active hydrophilic sulfonamide derivs. as inhibitors of protein jun kinases)

RN 406486-99-5 CAPLUS

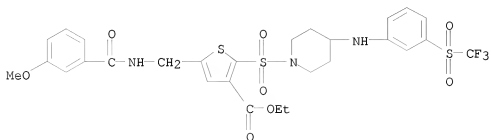
CN 3-Thiophenecarboxylic acid, 5-[[[3-methoxybenzoyl]amino]methyl]-2-[[4-oxo-1-piperidinyl]sulfonyl]-, ethyl ester (CA INDEX NAME)



10/070,954

RN 406487-00-1 CAPLUS

CN 3-Thiophenecarboxylic acid, 5-[[[(3-methoxybenzoyl)amino]methyl]-2-[[4-[[3-
[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-, ethyl
ester (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:72070 CAPLUS

DOCUMENT NUMBER: 136:134677

TITLE: Substituted 2-(S)-hydroxy-3-[(piperidin-4-yl-methyl)amino]propyl ethers and substituted 2-aryl-2-(R)-hydroxy-1-(piperidin-4-yl-methyl)ethylamines as beta-3 adrenergic receptor agonists, antidiabetics, and antiobesity agents

INVENTOR(S): Steffan, Robert John; Ashwell, Mark Anthony; Pelletier, Jeffrey Claude; Solvibile, William Ronald; Matelan, Edward Martin

PATENT ASSIGNEE(S): American Home Products Corporation, USA

SOURCE: PCT Int. Appl., 216 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002006255	A2	20020124	WO 2001-US22363	20010716
WO 2002006255	A3	20020321		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 20020037907	A1	20020328	US 2001-903738	20010712
US 6506901	B2	20030114		

PRIORITY APPLN. INFO.: US 2000-218753P P 20000717

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 136:134677

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention provides title compds. I and their pharmaceutically acceptable salts [wherein A = OCH₂, bond; R = (un)substituted aryl or certain N/O/S heterocyclyl; R1 = (cyclo)alkyl, alkoxy, (cyclo)alkylamino, (un)substituted aryl, arylamino, arylalkyl, or heterocyclyl; Z = bond, SO₂, CO]. I are useful in treating or inhibiting metabolic disorders related to insulin resistance or hyperglycemia (typically associated with obesity or glucose intolerance), atherosclerosis, gastrointestinal disorders, neurogenic inflammation, glaucoma, ocular hypertension, and frequent urination. The compds. are particularly useful in the treatment or inhibition of type II diabetes. They are also useful for increasing lean meat deposition and/or increasing the lean meat to fat ratio in animals, particularly mammals. Approx. 240 individual compds. and addnl. salts were prepared by either standard or combinatorial methods. For instance,

invention compound II was prepared by reaction of the (S)-isomeric epoxide III with the corresponding amine. II had an EC50 of 0.001 μ M against cloned human β 3 adrenoceptors in vitro, with a maximal response comparable to isoproterenol.

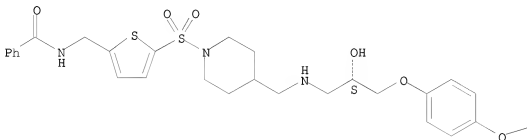
- IT 392690-00-5P, N-[[5-[[4-[[[(2S)-3-[4-(Benzyloxy)phenoxy]-2-hydroxypropyl]amino]methyl]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 392690-02-7P,
N-[[5-[[4-[[[(2S)-2-Hydroxy-3-(4-hydroxyphenoxy)propyl]amino]methyl]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 392690-04-9P,
N-[[5-[[4-[[[(2S)-3-(9H-Carbazol-4-yloxy)-2-hydroxypropyl]amino]methyl]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 392690-06-1P,
N-[[5-[[4-[[[(2S)-2-Hydroxy-3-[(2-oxo-2,3-dihydro-1H-benzimidazol-4-yl)oxy]propyl]amino]methyl]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide 392690-08-3P,
N-[[5-[[4-[[[(2R)-2-Hydroxy-2-[4-hydroxy-3-[(methylsulfonyl)amino]phenyl]ethyl]amino]methyl]piperidin-1-yl]sulfonyl]thien-2-yl]methyl]benzamide
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of piperidine hydroxyaminopropyl ether and hydroxyethylamine derivs. as β 3 adrenergic receptor agonists, antidiabetics, and antiobesity agents)

RN 392690-00-5 CAPLUS

CN Benzamide, N-[[5-[[4-[[[(2S)-2-hydroxy-3-[4-(phenylmethoxy)phenoxy]propyl]amino]methyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

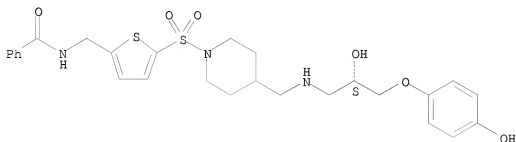




RN 392690-02-7 CAPLUS

CN Benzamide, N-[[5-[[4-[[[(2S)-2-hydroxy-3-(4-hydroxyphenoxy)propyl]amino]methyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

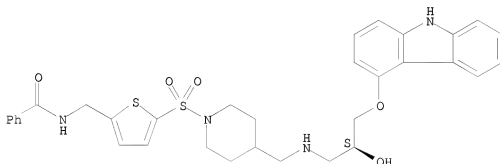
Absolute stereochemistry.



RN 392690-04-9 CAPLUS

CN Benzamide, N-[[5-[[4-[[[(2S)-3-(9H-carbazol-4-yloxy)-2-hydroxypropyl]amino]methyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

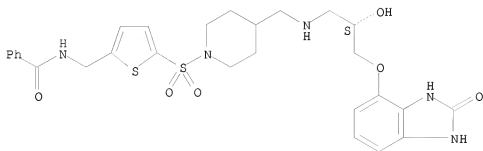


RN 392690-06-1 CAPLUS

CN Benzamide, N-[[5-[[4-[[[(2S)-3-[(2,3-dihydro-2-oxo-1H-benzimidazol-4-yl)oxy]-2-hydroxypropyl]amino]methyl]-1-piperidinyl]sulfonyl]-2-

thienyl)methyl]- (CA INDEX NAME)

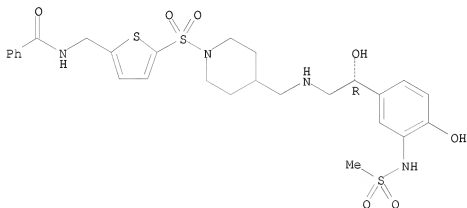
Absolute stereochemistry.



RN 392690-08-3 CAPLUS

CN Benzamide, N-[[5-[[4-[[[(2R)-2-hydroxy-2-[[4-hydroxy-3-[(methylsulfonyl)amino]phenyl]ethyl]amino]methyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

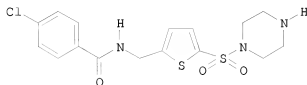
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2001:246567 CAPLUS
 DOCUMENT NUMBER: 134:280858
 TITLE: Preparation of N-thienylsulfonylpiperazines and
 analogs as c-Jun N-terminal kinase inhibitors
 INVENTOR(S): Arkinstall, Stephen
 PATENT ASSIGNEE(S): Applied Research Systems ARS Holding N.V., Neth.
 Antilles
 SOURCE: Eur. Pat. Appl., 35 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1088821	A1	20010404	EP 1999-810869	19990928
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CA 2379575	A1	20010405	CA 2000-2379575	20000928
WO 2001023378	A1	20010405	WO 2000-IB1380	20000928
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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JP 2003510319	T	20030318	JP 2001-526530	20000928
EE 200200165	A	20030415	EE 2002-165	20000928
EE 5109	B1	20081215		
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CN 1189467	C	20050216	CN 2000-813568	20000928
AT 309998	T	20051215	AT 2000-960921	20000928
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ZA 2002001509	A	20030224	ZA 2002-1509	20020222
BG 106527	A	20030228	BG 2002-106527	20020318
NO 2002001530	A	20020326	NO 2002-1530	20020326
NO 324792	B1	20071210		
MX 2002003199	A	20021031	MX 2002-3199	20020326
KR 827533	B1	20080506	KR 2002-703983	20020327
HK 1048306	A1	20050610	HK 2003-100202	20030108
PRIORITY APPLN. INFO.:			EP 1999-810869	A 19990928
			WO 2000-IB1380	W 20000928

OTHER SOURCE(S):
GI

MARPAT 134:280858



II

AB RC(:X)NR1(CH2)nZSO2R2 [I; R = (un)substituted (hetero)aryl; R1 = H or (un)substituted alkyl; RR1 = atoms to complete a ring; R2 = N-attached (poly)aza(bi)cycloalkyl; X = O or S; Z = (un)substituted (hetero)arylene; n = 0-5] were prepared. Thus, 2-thiophenemethanamine was amidated by 4-ClC6H4COC1 and the chlorosulfonated product amidated by piperazine to give title compound II. Data for biol. activity of I were given.

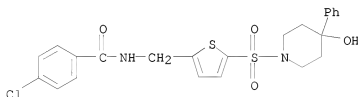
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332416-22-5P 332416-25-8P 332416-27-0P
332416-32-7P 332416-33-8P 332416-34-9P
332416-35-0P 332416-40-7P 332416-41-8P
332421-97-3P 332421-98-4P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-thienylsulfonylpiperazines and analogs as c-Jun N-terminal kinase inhibitors)

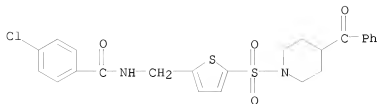
RN 332415-52-8 CAPLUS

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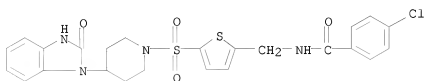
RN 332415-54-0 CAPLUS

CN Benzamide, N-[[5-[(4-benzoyl-1-piperidinyl)sulfonyl]-2-thienyl]methyl]-4-chloro- (CA INDEX NAME)



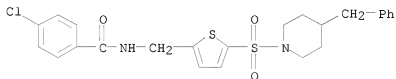
RN 332415-57-3 CAPLUS

CN Benamide, 4-chloro-N-([5-([4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]sulfonyl]-2-thienyl)methyl)- (CA INDEX NAME)



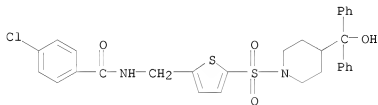
RN 332415-59-5 CAPLUS

CN Benamide, 4-chloro-N-([5-([4-(phenylmethyl)-1-piperidinyl]sulfonyl]-2-thienyl)methyl)- (CA INDEX NAME)



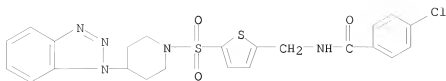
RN 332415-65-3 CAPLUS

CN Benamide, 4-chloro-N-([5-([4-(hydroxydiphenylmethyl)-1-piperidinyl]sulfonyl]-2-thienyl)methyl)- (CA INDEX NAME)



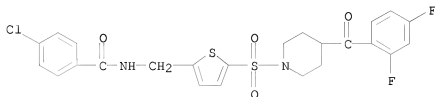
RN 332415-75-5 CAPLUS

CN Benamide, N-([5-([4-(1H-benzotriazol-1-yl)-1-piperidinyl]sulfonyl]-2-thienyl)methyl)-4-chloro- (CA INDEX NAME)



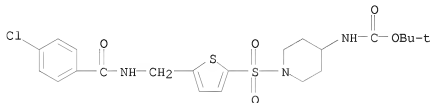
RN 332415-79-9 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-(2,4-difluorobenzoyl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



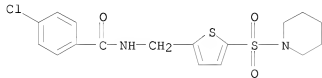
RN 332416-11-2 CAPLUS

CN Carbamic acid, [1-[[5-[[4-(4-chlorobenzoyl)amino]methyl]-2-thienyl]sulfonyl]-4-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



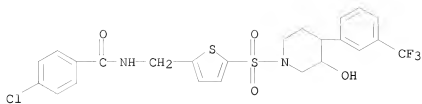
RN 332416-15-6 CAPLUS

CN Benzamide, 4-chloro-N-[[5-(1-piperidinylsulfonyl)-2-thienyl]methyl]- (CA INDEX NAME)



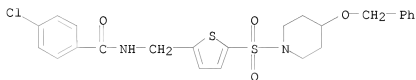
RN 332416-22-5 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[3-hydroxy-4-[3-(trifluoromethyl)phenyl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



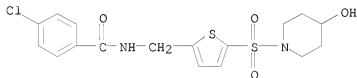
RN 332416-25-8 CAPLUS

CN Benamide, 4-chloro-N-[(5-[[4-(phenylmethoxy)-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



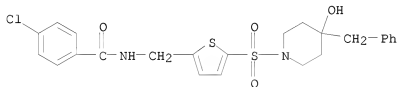
RN 332416-27-0 CAPLUS

CN Benamide, 4-chloro-N-[(5-[[4-hydroxy-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



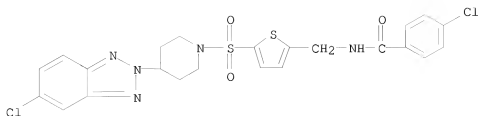
RN 332416-32-7 CAPLUS

CN Benamide, 4-chloro-N-[(5-[[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



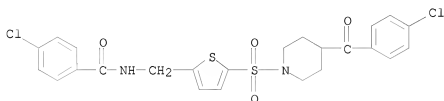
RN 332416-33-8 CAPLUS

CN Benamide, 4-chloro-N-[(5-[[4-[[3-[(trifluoromethyl)sulfonyl]phenyl]amino]-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)



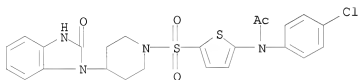
RN 332421-97-3 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[4-(4-chlorobenzoyl)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)



RN 332421-98-4 CAPLUS

CN Acetamide, N-(4-chlorophenyl)-N-[5-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]sulfonyl]-2-thienyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1998:487563 CAPLUS

DOCUMENT NUMBER: 129:230615

ORIGINAL REFERENCE NO.: 129:46927a,46930a

TITLE: Synthesis of isomeric 3-piperidinyl and 3-pyrrolidinyl benzo[5,6]cyclohepta[1,2-b]pyridines: sulfonamido derivatives as inhibitors of Ras prenylation
 AUTHOR(S): Kelly, Joseph; Wolin, Ronald; Connolly, Michael; Afonso, Adriano; James, Linda; Kirschmeier, Paul; Bishop, W. Robert; Mcphail, Andrew T.

CORPORATE SOURCE: Schering-Plough Research Institute, Kenilworth, NJ, 07033, USA

SOURCE: Bioorganic & Medicinal Chemistry (1998), 6(6), 673-686
 CODEN: BMECEP; ISSN: 0968-0896

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Blocking farnesylation of oncogenic Ras proteins is a mechanism-based therapeutic approach that is of current interest for the development of antitumor agents to treat Ras associated tumors. As part of a SAR study on the lead farnesyl protein transferase (FPT) inhibitor Sch 44342, the synthesis of novel geometric isomers and the FPT inhibition activity of their N-acyl and N-sulfonamido derivs. is reported. The N-acyl derivs. are markedly less active than Sch 44342, thereby demonstrating that the spatial location of the N-acyl group in Sch 44342 is critical for binding of the compound to FPT. In contrast to Sch 44342, the N-sulfonamido series is a novel lead of nonsulphydryl, nonpeptidic compds. that are dual FPT/GGPT inhibitors. In light of recent reports on the alternative prenylation of N- and K-Ras, dual FPT/GGPT inhibitors may be required to control cell proliferation in tumors containing activated Ras.

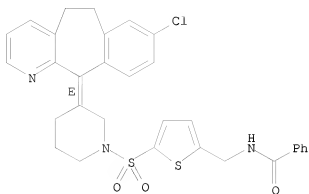
IT 183555-01-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation of azacycloalkylbenzocycloheptapyridines as farnesyl protein transferase inhibitors)

RN 183555-01-3 CAPLUS

CN Benzamide, N-[[5-[[[(3E)-3-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-1-piperidinyl]sulfonyl]-2-thienyl)methyl]- (CA INDEX NAME)

Double bond geometry as shown.



OS.CITING REF COUNT:	11	THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)
REFERENCE COUNT:	34	THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1996:708198 CAPLUS

DOCUMENT NUMBER: 125:317330

ORIGINAL REFERENCE NO.: 125:59134h,59135a

TITLE: Tricyclic compounds useful for inhibition of G-protein

function and for treatment of proliferative diseases

INVENTOR(S): Afonso, Adriano; Kelly, Joseph M.; Wolin, Ronald L.

PATENT ASSIGNEE(S): Schering Corporation, USA

SOURCE: PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

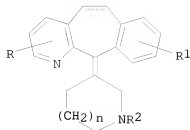
PATENT INFORMATION:

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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
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CA 2216291	A1	19961003	CA 1996-2216291	19960320
CA 2216291	C	20010605		
AU 9653072	A	19961016	AU 1996-53072	19960320
AU 708244	B2	19990729		
EP 814807	A1	19980107	EP 1996-909646	19960320
EP 814807	B1	20030507		
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JP 10505102	T	19980519	JP 1996-529429	19960320
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HU 9801396	A2	19990528	HU 1998-1396	19960320
HU 9801396	A3	20000328		
TW 473477	B	20020121	TW 1996-85103321	19960320
AT 239472	T	20030515	AT 1996-909646	19960320
ES 2198481	T3	20040201	ES 1996-909646	19960320
IL 117603	A	20010128	IL 1996-117603	19960321
US 5703090	A	19971230	US 1996-714023	19960911
US 5958939	A	19990928	US 1997-891849	19970710
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			WO 1996-US3306	W 19960320

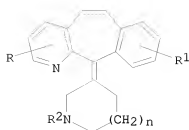
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 125:317330

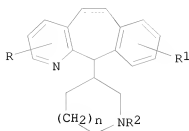
GI



I



II



III

AB A method of inhibiting Ras function and therefore inhibiting cellular growth is disclosed. The method comprises the administration of I, II, or III [R, R1 = H, C1-6 alkyl, halo, OH, C1-6 alkoxy, NH2, C1-6 alkylamino, di((C1-6)alkyl)amino, CF3, SO3H, CO2R3, NO2, SO2NH2, CONHR4; R2 = R5C(O), R5CH2C(O), R5C(R6)2C(O), R5SO2, R5CH2SO2, R5SCH2C(O), R5OC(O), R5NHC(O), R5C(O)C(O), R4SC(O); R3 = C1-6 alkyl, aryl; R4 = C1-6 alkyl; R5 = C1-6 alkyl, aryl, aryl(C1-6)alkyl, aryl(C2-6)alkenyl, heteroaryl, heteroaryl(C1-6)alkyl, heteroaryl(C2-6)alkenyl, heterocycloalkyl; R6 = C1-6 alkyl, or both R4 groups together with the C to which they are attached form a C3-7 carbocyclic ring; n = 0, 1; dotted line = optional double bond] or pharmaceutically acceptable salts thereof. Preparation of compds. of the invention, as well as of intermediates, is described. Inhibition of farnesyl protein transferase and of tumor cell growth by compds. of the invention was determined Active-compound tablet and capsule formulations are included.

IT 183555-01-3P

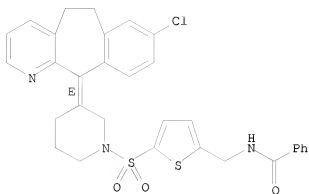
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(tricyclic compound preparation for use in Ras inhibition, inhibition of G-protein function, and treatment of proliferative diseases)

RN 183555-01-3 CAPLUS

CN Benzamide, N-[[5-[[[(3E)-3-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

Double bond geometry as shown.



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OS.CITING REF COUNT:      21  THERE ARE 21 CAPLUS RECORDS THAT CITE THIS
                             RECORD (37 CITINGS)
REFERENCE COUNT:          2  THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
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10/070,954

=> => d his

(FILE 'HOME' ENTERED AT 13:57:02 ON 05 MAR 2010)

FILE 'CAPLUS' ENTERED AT 13:57:21 ON 05 MAR 2010

L1 1 S WO 9853814/PN
L2 1 S 125:317330/DN
SELECT RN L1 1-
SELECT RN L2 1-

FILE 'REGISTRY' ENTERED AT 13:57:54 ON 05 MAR 2010

L3 200 S E1-200
L4 200 S E201-400
L5 163 S E401-569
L6 215286 S 16.145/RID AND 46.156/RID
L7 557 S L3 OR L4 OR L5
L8 16 S L6 AND L7
L9 1309779 S FURANYL
L10 189466 S 16.138/RID AND 46.156/RID
L11 273915 S 46.156.30/RID AND 46.156.1/RID
L12 664003 S L6 OR L10 OR L11
L13 STRUCTURE UPLOADED
L14 1 S L13
L15 687 S L13 SSS FUL
L16 683 S L12 AND L15

FILE 'CAPLUS' ENTERED AT 14:19:25 ON 05 MAR 2010

L17 15 S L16
L18 12 S L17 NOT (2010/SO OR 2009/SO OR 2008/SO OR 2007/SO OR 2006/SO

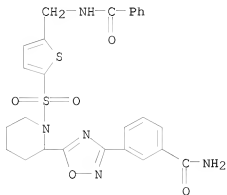
FILE 'REGISTRY' ENTERED AT 14:22:11 ON 05 MAR 2010

L19 452 S L16 AND CAPLUS/LC
L20 231 S L16 NOT L19

=> d 231

10/070,954

L20 ANSWER 231 OF 231 REGISTRY COPYRIGHT 2010 ACS on STN
RN 322416-58-0 REGISTRY
ED Entered STN: 20 Feb 2001
CN Benzamide, N-[[5-[[2-[3-[3-(aminocarbonyl)phenyl]-1,2,4-oxadiazol-5-yl]-1-piperidinyl]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)
MF C26 H25 N5 O5 S2
SR Chemical Library
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